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Cray centre ends commercial focus

by Karina Dahlin

THE ONTARIO Centre for Large Scale Computation, home of the Cray supercomputer, will cease to market processing time to commercial users by April 1 unless future revenues can be guaranteed, the Business Board decided at its Jan. 16 meeting.

"It seems that for the next few years industrial researchers will not require this kind of facility," Richard Criddle, vice-president (administration), said in an interview. "The service is good and utilization [by researchers] is good. The only problem is that we aren't selling enough processing time."

The OCLSC will continue to operate for researchers at U of T and elsewhere in Ontario and Canada.

The termination of commercial activities could be avoided if sales improved dramatically in the next three months. The OCLSC is currently in negotiations that could result in new commercial contracts.

The board also approved a resolution to add OCLSC to the University's base operating budget of May 1, 1988. The centre's financial statements for prior years will be restated to conform to the new accounting practice.

In its first years, the finances of the centre were considered separately from those of the University as a whole.

The board decisions are final and need not be considered by Governing Council.

Implementation of the two recommendations will reduce the OCLSC's deficit for the year ending April 30, 1989, to \$813,000 from \$886,000, Criddle said. The bulk of the reduced deficit is a result of revised expectations, of no longer "sticking our heads in the sand," he said.

No staff are being laid off but expenditures will be cut in several areas — travel, for example.

Criddle said that in June the future of the Cray will be clearer. By then the Natural Sciences & Engineering Research Council and the National Research Council will have ruled on

important grant applications.

A new task force headed by Jim Keffer, vice-president (research), is also scheduled to deliver a report in June on the Cray from the research perspective. "I expect the task force will recommend continuation of the supercomputer," Criddle said.

Alec Pathy, vice-president (human resources), said at the meeting of the Business Board that the University was never obligated to run a commercial venture.

"President Connell said from the beginning that the computer would be an asset to the University even if it did not succeed commercially."

John Switzer, an alumni representative, predicted the Cray computer would be "absolutely, unequivocally obsolete" by 1992. But he supported the two recommendations. "We should bite the bullet," he said.

Elizabeth Pearce said she continues to support the OCLSC. "The centre is not a failure," she said. "A number of Canada's foremost researchers find it is a success."

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Ken Money skydives 6,000 feet above Houston, Texas, as part of NASA training. "They want you to be able to work when you're scared to death," he explained.

Our man in space

by Jane Stirling

TWO YEARS from now, a University of Toronto professor could be flying on a US space-shuttle mission.

Professor Ken Money of the Department of Physiology was one of two Canadians nominated this month for one position allocated to Canada on

the first International Microgravity Laboratory (IML) space-shuttle flight.

The other candidate is Dr. Roberta Bondar, a neurologist who was originally Canada's choice for the IML shuttle before the flight was turned into an international mission.

The nomination, while a welcome

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Trinity College revises proposals

by Jane Stirling

TRINITY COLLEGE has revised and broadened its proposals for a settlement in the Marsha Hewitt case.

In a Jan. 9 letter to Trinity's lawyer Peter Atkinson, college provost Robert Painter says that any one of three procedures — arbitration, mediation or a cash settlement — are now acceptable in resolving the dispute.

The new alternatives offer "enough flexibility and variety" for the parties to come to an understanding, he says.

Hewitt's lawyer, Suzie Scott, executive director of the University of Toron-

Arbitration, cash settlement now possible in Hewitt case

to Faculty Association, declined comment on the latest set of alternatives, except to say that she is "not hopeful about a resolution."

In the letter, Painter says Trinity should "be

prepared to yield on the matters raised by Professor Hewitt to the maximum extent consistent with its basic principles and the protection of Dean [Peter] Slater's rights." Slater heads the college's Faculty of Divinity.

At first Trinity refused to accept binding arbitration by a panel of inquiry, but has now agreed to be bound by a panel insofar as its decisions "relate specifically to Professor Hewitt," Painter says.

Trinity will not be bound by recommendations that affect its offer of a tenure-stream position to Professor Romney Moseley (chosen over Hewitt and other candidates by a search committee) or that affect procedures applied in other situations.

Hewitt has filed a complaint with the Ontario Human Rights Commission against Trinity and Slater alleging that she was denied a tenure-stream position as a result of discrimination on the basis of gender, marital and family status.

Trinity hired her in 1986 on a three-year contract. Last year she applied for a permanent position, but was not offered the job.

In previous attempts to resolve the matter, the college suggested two procedures for investigating the case — one if Hewitt agreed to the terms and another if she didn't. The first would have included her in the process of selecting the panel of inquiry; the second would have excluded her. Trinity also proposed that the case be heard by the University ombudsman. Hewitt rejected the proposals.

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Stopping soil erosion in China

by Karina Dahlin

A THREE-YEAR project to help find the most cost-effective method to stop soil erosion in the Loess Plateau region of northern China has recently been inaugurated by the University.

Professor Joe Whitney, chair of the



Department of Geography, is director of the venture, Professor Shiu Luk, also of geography, the assistant director.

Last May the Canadian International Development Agency (CIDA) awarded the geography department and the Institute for Environmental Studies a \$493,000 grant to carry out the work.

The project is one of the most ambitious technical and scientific collaborative undertakings ever carried out by Canadian and Chinese researchers, said Whitney. It has received a number one ranking in the Chinese five-year plan for science and technology development.

The Loess Plateau, five times the size of New Brunswick, is one of the most severely eroded regions of China. Twenty million people live on the plateau's 350,000 square kilometres. The plateau is named after loess — a fine, wind-blown dust, probably originating in the

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View of Loess Plateau study region

University assists Chinese researchers

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deserts of central Asia. It blankets large areas of north China with deposits of 10 to more than 100 metres in depth.

If properly watered and covered with vegetation, the soil is very fertile. It provided the agricultural base for early Chinese civilization, which originated on the plateau. However, over the centuries, increasing population pressure and demand for agricultural land, fuel and grazing has gradually stripped most of the original vegetation, allowing excessive soil erosion to take place.

The eroded soil eventually finds its way into the Yellow River, which gets its name from the colour of the loess.

Loss of crop land on the upper slopes of the plateau is one of the troubling effects of erosion. But Chinese officials are primarily concerned about the sediment entering the river system, raising its bed above the surrounding plain and placing some 200 million people in the lower valley in a hazardous flood zone.

Political question

In cooperation with the Academy of Sciences in Beijing and the Ministry of Soil & Water Conservation of Shanxi Province, Whitney and Luk are developing an information system to help keep track of soil erosion and measure the effectiveness of attempts to control it.

The key component is a computer system for storing, retrieving and manipulating geographical data gathered over the past 20 years. The information is reproduced as a map on the computer screen or on paper. One terrain model shows the movement of sediment over the study area, another tracks the quantities of soil eroded and deposited according to the soil erosion management techniques chosen.

With the help of an economic model, costs and benefits for each kind of land use and erosion-control measures can be calculated.

The system will be tested in an ex-

perimental area during the next three years. If successful, it will be extended to all 13 counties in the region. Eight visitors from China will learn how to use the system at U of T and return home to train local officials.

It is not enough, however, that the residents of the plateau learn how to use the system. Political decisions will have to be taken that may benefit the region, sometimes at the expense of particular farms.

Under the old commune system, when labour was directed by a central authority, it might have been easier to persuade a farmer in an area to adopt recommended conservation measures. But today most decisions are left up to individual farmers. Whitney said it will be necessary to provide some kind of incentive to make erosion management more attractive.

Continued from Page 1

one for the U of T professor, was not unexpected. Two years ago, he knew he would be chosen as a candidate for the 1991 11-nation shuttle flight.

A committee of representatives from the participating nations will have the final say over who will go. The successful candidate will be the one who demonstrates the greatest ability in carrying out the specific experiments. Money said he expects to hear by the fall.

Money, 54, a member of the Canadian Astronaut Program for the past six years and a professional pilot, is realistic about his chances.

"I have a 30 percent chance of being picked. Roberta is a very distinguished neurologist and a superb generalist. I'm just an awkward old professor."

Money, however, has an advantage in one crucial area. Two-thirds of the ex-

Cray supercomputer still supported by researchers

Continued from Page 1

Sixty-four university-based researchers from across the country have recently demonstrated their confidence in the centre by signing a request to NSERC for support of the OCLSC. Centre director Lloyd Parker said in an interview that users recognize the centre as a national facility. In 1988-89, NSERC funded 2,000 hours of processing time on the Cray, but researchers applied for a total of 11,000 hours. "The demand is there."

Despite the lack of commercial accounts, the computer is operating close to capacity. Academic researchers from across the country have been allowed to

use the computer at \$100 an hour. Originally, the rate for Ontario university scientists was \$200 an hour while universities outside the province were charged \$1,000 an hour. The fee for commercial customers is up to \$2,000 an hour.

An NSERC subcommittee is currently studying supercomputing in Canada and may recommend the establishment of a national supercomputer centre. Parker said he thinks that given the demand for time on U of T's Cray, the OCLSC could become such a centre.

The supercomputer was installed at the McLennan Physical Laboratories in 1986. The provincial government has contributed \$18 million to the facility.

Three alternatives

Continued from Page 1

The number of panelists has not been fixed, but the letter says at least one member should have experience that qualifies him or her "to appreciate the vocational needs of a divinity school and the problems associated with a small, closely interdependent faculty."

The panel would decide if the college is under a morally binding commitment to Hewitt and if such a commitment was affected when she agreed to the search committee process (if the committee feels she agreed).

The second alternative proposed in the letter is joint selection of a mediator.

Although the mediator would have no binding authority, "the joint selection . . . would put the parties under a moral obligation to pay careful heed to the mediator's suggestions."

The third alternative is a cash payment. Painter said Trinity makes this proposal "reluctantly" because it would appear to indicate wrong-doing by the college. However, he said a cash settlement "may well be in the best interests of all concerned" due to costs and difficulties of arbitration.

No amount was specified but Painter said it would be a sum "reasonably designed to recognize that Professor Hewitt has undertaken her challenge in good faith and has invested considerable effort in it."

In exchange for a cash settlement, she would be required to drop her complaint to the human rights commission.

Motion passed

In another development, Trinity College Council — composed of faculty, students and library representatives —

approved a motion at a special meeting last week seeking the assistance of the University's grievance review panel if negotiations between the two parties fail.

The divinity faculty currently has measures in place for tenure-stream grievances, but none dealing specifically with first appointments to the tenure stream, as in Hewitt's case. (The college's arts faculty is covered by University grievance procedures.)

"It was felt by the council that it didn't want to interfere with the negotiations, but justice delayed is justice denied," said Professor Donald Wiebe of the divinity faculty, who seconded the motion.

"This has gone on for more than one year and Professor Hewitt has no forum other than the dean and provost of the college," Wiebe said. "She needs a forum to have her complaint heard. The time factor is important."

The executive committee of Trinity is not obligated to act on the motion, he said, "but I would think they should and ought to. We're trying to help them because we think they don't understand the problem."

Painter said the executive committee is reluctant to "surrender our sovereignty" to the University panel. Concerns for the "vocational needs" of a divinity school might be discounted "or not taken seriously" by the University body, he said.

Scott said the provost's use of the phrase "vocational needs" is a justification for hiring a minister, such as Moseley, rather than her client, who is not ordained.

Painter said ordination was not a job requirement.

U of T's high-flying professor

periments to be performed on the shuttle will involve the human vestibular system — his specialty. The vestibular system includes the organ of balance in the inner ear.

Money has been a co-investigator on five other space lab missions since 1980, working in the area of space motion sickness and disorientation in space.

In 1983, he was appointed to the Canadian Astronaut Program in Ottawa where he spends two days a week in space-related research. He lives in Toronto with his family and teaches at the University from Wednesday to Friday.

Practise experiments

On Jan. 25 Money and Bondar will travel to NASA headquarters in Washington, DC, and then to the Marshall Space Flight Centre in Huntsville, Alabama. Most of their time will be spent learning about and practising the experiments.

The last six months prior to the February 1991 flight will be spent in Houston, Texas, at NASA headquarters learning how to live on the space shuttle.

One of the two Canadian astronauts will be chosen as a payload specialist, that is, a scientist assigned the task of carrying out experiments during the mission. The other payload specialist will be either an American or a European, and the rest of the seven-member crew will be American.

As part of the IML mission, the Canadian astronaut will carry out numerous experiments, six of which will be developed by Canadian researchers.

Many of the experiments will focus on the effects of weightlessness on the human body, including the study of back pain in astronauts, circulation of the blood in the absence of gravity and metabolic rates in space flights.

The candidate not chosen for the flight will work as a backup doing support work on the ground during the mis-

sion. This will involve handling the radio link between the payload specialists on the shuttle and the scientists on the ground. The backup worker must also be prepared to board the flight if the other astronaut gets sick.

If he is not chosen, Money said he won't give up hope.

"I'll keep trying and, who knows, I might even set a record for geriatric space flight. My grandfather lived to be 99 years of age."

A series of IML missions has been planned to carry out experiments contributing directly to space flights and the US space station program, in which Canada, Japan and a group of 13 European nations are participating.

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University digs deep for earth sciences

by Jane Stirling

THE UNIVERSITY will provide essential equipment for the Earth Sciences Centre and will meet demands for new high-tech equipment on a priority basis, says Dan Lang, assistant vice-president (planning).

The University must cope with a severe lack of funding from government bodies for such purchases, Lang said.

"Faculties and departments don't necessarily have a higher priority on new equipment just because they're moving to new locations," Lang said. "Ask any dean or department chair. They all need modern equipment."

Lang was responding to expressions of disappointment from those about to occupy the \$57.5 building on the southwest corner of Willcocks and Huron Sts.

Professor Geoff Norris, chair of the Department of Geology, said an additional \$4.1 million spread over three

years is needed to "transform the structure into one with modern laboratories and teaching facilities."

Modern equipment that would have put the University in a competitive position with other high-quality institutions in the country will not be available when geology, the Department of Botany and the Faculty of Forestry begin to move next month, Norris said.

Geology wants to equip an innovative isotope laboratory with a mass spectrometer, at a cost of between \$500,000 and \$1 million. Up-to-date video equipment, including television cameras and monitors connected to microscopes, is also on geology's list.

Professor Johan Hellebust, chair of botany, said his department has been using equipment belonging to the nearby Medical Sciences Building and will, therefore, be without necessary items following the move.

Dean Rod Carrow of forestry said 14

more computer work stations and a software package, at a total cost of \$137,000, are required to equip an undergraduate lab.

Equipment funding plans for the centre are laid out in three stages. The first stage contains funding for essential items needed to make the building operational, such as furnishings, audio-visual equipment, and rock storage space.

In the second stage of equipment funding, money is to be allocated over a three-year period for teaching and research equipment. In the third stage, funding will be available for non-essential items including display cabinets.

Last month, \$400,000 for equipment was allocated from a surplus in the University's 1988-89 budget. Provost Joan

Foley said if these funds are not sufficient for equipment needs, further allocations will be made in the 1989-90 budget.

A further \$100,000 has recently been allocated for storage space for some of geology's rock collection. Norris is expecting to receive more funds by the spring to complete storage construction. Cost of building enough wooden cabinets has been estimated at more than \$1 million.

To keep costs below this figure, a joint physical plant-geology task force has been established to examine other designs, said Janice Oliver, assistant vice-president (facilities and administrative systems).

Cost of the centre jumped from an estimated \$46 million in 1986 to \$57.5 million last summer.

Testing for steroids delayed

by Jane Stirling

CONCERN ABOUT invasion of privacy have prompted the Canadian Interuniversity Athletic Union (CIAU) to delay the implementation of testing for steroid use among athletes until at least September 1990.

At their annual meeting in Ottawa last month, CIAU members also questioned the advisability of introducing testing this fall in the absence of adequate safeguards to prevent tampering with urine samples, said Gib Chapman, director of the Department of Athletics & Recreation.

Chapman, who stepped down as CIAU president at the annual meeting, said the delay will allow the university sports body to develop a policy on sanctions for athletes who test positive for steroids.

While Chapman admitted there were some weaknesses in the testing proposal, he noted that the members ap-

proved it in principle.

The CIAU's committee on doping control, which recommended the random tests, will re-examine the issue and report at the union's June meeting.

The committee had initially recommended a one-year ban for a positive test but this penalty could be more severe depending on the outcome of national and international rulings.

The Dubin inquiry into drugs in amateur sports may formulate a recommendation on specific sanctions for use of banned substances. If it does and Sport Canada takes its advice, the CIAU will likely follow suit if it wants the national body to pay for testing, said Paul Carson, sports information director.

"Sport Canada is really in the driver's seat on this issue," he said. "If we want their money, we have to play by their rules."

The International Olympic Committee (IOC) will meet this spring and recommend a four-year ban for athletes who test positive for steroid use. Currently the IOC imposes two-year suspensions.

The delay by the CIAU committee will ensure that it works in cooperation with other sporting bodies, Chapman said. "We should be consistent."

While drug testing will not begin before 1990 at U of T, athletes in certain sports are being educated about the use of steroids.

The CIAU will fine any university at least \$500 if it doesn't comply with the mandatory seminars by April 1, 1989.

Erindale half way there

Painting by numbers takes on a new meaning for Ignat Kaneff, campaign chair of Erindale College's building fund. Kaneff, ably assisted by University chancellor John Black Aird, left, and Erindale principal Desmond Morton, fills in the building donation chart to the \$1.5 million mark, half of its \$3 million goal. Erindale plans to build a Centre for Management & Social Sciences, which would provide more classrooms and study space, a 500-seat lecture theatre/community auditorium, more faculty offices and a public art gallery. The building fund,



ALISON DIAS

launched three months ago, is part of the Breakthrough campaign.

So far, major donors include the Ignat Kaneff Charitable Organization, the Fusiana Group of Companies and the Erin Mills Development Corporation.

Talks with TAs continue

THE CANADIAN Union of Educational Workers (CUEW), Local 2, representing the University's 2,400 teaching assistants, may be in a legal position to strike by about the middle of February.

Negotiating teams for the University and the TAs plan to meet again Feb. 7 and 9 in the company of conciliator Brian Martin of the Ministry of Labour.

The two sides met Jan. 19 for seven hours of conciliation talks that ended without an agreement.

Martin is expected to submit a report on conciliation to the minister by Jan. 27. The union executive can summon members to the picket lines 16 days later. CUEW says it plans to set up a strike headquarters in the interim.

According to the Ontario Labour Relations Act, management can request a vote of union members on a "final offer." John Parker, director of labour relations, said he does not know whether the University will request a vote. Such a step would need the approval of President George Connell.

Parker said the University has made concessions during the talks to date and is willing to bargain further. So far, negotiations have concentrated on hiring practices and workload.

Monetary issues have not yet been discussed, but Parker said he will present the union with a wage offer when they meet again.

CUEW liaison officer Tom Orman said there was "no movement from the administration."

Student offences increase

COLLABORATION among students and plagiarism were the most frequent academic offences in the 1987-88 academic year.

The provost's annual Report on Academic Discipline Cases, presented to the Academic Board Jan. 12, records 149 divisional discipline offences, including 51 cases of collaboration (where students jointly produce an essay or assignment they should have completed alone) and 48 of plagiarism. All the students pleaded guilty and received suspensions of up to one year imposed by faculty deans.

Nineteen used unauthorized aids or assistance during tests, 18 were guilty of copying, eight used borrowed, bought or stolen papers and two were caught impersonating someone else during an exam.

There was one case each of using an essay service, resubmitting altered work for credit and not conforming to exam procedures.

There were 120 discipline cases in the Faculty of Arts & Science (74 downtown, 46 at Erindale College), 18 at

Scarborough College, five in the Faculty of Applied Science & Engineering, two in the Faculty of Nursing, two in the School of Physical & Health Education and one each in the Faculty of Dentistry and the School of Graduate Studies.

Four students — three from arts and science on the St. George campus, one from the Faculty of Education — were charged with offences that led to hearings at the University disciplinary tribunal.

Two students were charged with forgery, one with impersonation and one with plagiarism. All were found guilty and two have appealed their convictions.

In 1986-87, 80 divisional discipline cases were recorded, including 57 involving plagiarism. The tribunal heard 11 cases.

Composed of a lawyer who presides as judge and a jury of three students and two faculty members, the tribunal hears cases involving those who plead "not guilty" and cases where the dean of the faculty feels a suspension of more than one year is warranted.

versity Press, the national student press cooperative) be adopted that clearly prohibits sexist, racist, homophobic or degrading material."

The engineering society was strongly criticized for publishing sexist material in its last issue of the *Toike* Oct. 10.

"Not only must we prevent the formation of a negative image, but we should be promoting a positive one, while still publishing a paper that our students want to read," the policy says.

"This is not a blueprint for a paper which is benign or stuffy. Sexual humour need not be eliminated, but must not be degrading."

A review board will enforce the publication policies. A majority of the board membership will sign a document indicating their approval of each issue of the paper. All articles will carry the byline of the authors, Uy said.

The *Toike* will continue to be distributed across the campus. However, "issue editors" and writers from all University faculties are now invited to help produce what the engineering society hopes will be a witty and satirical publication for all U of T students.

Trial postponed

THE TRIAL of Ann Grosvenor, a former administrative assistant in the Department of Clinical Biochemistry, was adjourned on Jan. 9 when the defendant's lawyer requested more time. Grosvenor is now scheduled to appear Feb. 9 in provincial court at Old City Hall. She is charged with breach of trust and fraud over \$1,000 in connection with the disappearance of \$170,000 in University funds.

Interim housing policy toned down

by George Cook

THE UNIVERSITY Affairs Board has asked David Neelands, assistant vice-president (student affairs), to "soften" a proposed interim policy on student housing that would have reserved half the spaces in U of T residences for first-year students.

In an interview after the board's Jan. 10 meeting, Neelands said he will meet members of the campus community to find a consensus on changes that would deal with the objections.

As presented to University affairs, the interim policy was to remain in force until the supply of student housing more adequately reflected the demand for places. In addition, no review provisions were included in the interim policy.

In a redrafted policy, the quota of first-year students may be reduced or stated as a goal for the future, rather than a requirement for rapid implementation, Neelands said.

A revised policy may also further define "interim," limiting it to a period of no more than five years. Provisions for a regular review of its implementation may also be included.

The interim policy's four clauses stipulated that:

- full-time students should have preference over part-time students in the allocation of places
- housing admission policies should allow for a turnover of places
- at least 50 percent of places for first-entry students in each residence should be available for first-year students
- residency for second-entry students should be restricted to a maximum of three years.

The board accepted the first two clauses, but asked that the last two be changed. The three-year limit recom-

mended for second-entry students will also be softened.

Opposition

About 50 students, most from Devonshire House, attended the meeting. Devonshire is leased to the University by Trinity College.

The students' spokesperson voiced their opposition to the 50 percent quota. He said that with an increase in the number of first-year students — and the resulting departure of those in upper years — the residence would come to

resemble a "hotel or rooming house" rather than a home.

Committee members said care must be taken to ensure, insofar as it is possible given the housing shortage, the quality of life in residence. But some, including President George Connell, said the rights of those already resident ought not to supersede those of prospective students.

Neelands said the 50 percent rule would have affected only 20 places at Devonshire and a "handful" at Innis College. At New and University Col-

leges, half the places are already reserved for first-year students.

A recent study by the Council of Ontario Universities found that most Ontario students believe the level of first-year students in residence should be about 70 percent. At Queen's and some other universities, this is in fact already the case.

Adopts policy

While it requested changes in the interim policy, the board approved a permanent policy on student housing that sets more general and extensive guidelines. It also approved a Policy for Immediate Program of Residence Expansion designed to guide the pending construction of new units. Parts of both policies must now be considered by the Business Board.

The general Policy on Student Housing is based on three principles:

- student housing should support the educational and academic aims and purposes of the University
- the educational and developmental value of on-campus housing to the University should be given the most weight when policy is formed
- in distributing existing spaces and providing new ones the University should attempt to ensure that no one is at a disadvantage in competing for a place because of their program or sex.

The policy addresses the issues of accommodation of first- and second-entry students, family housing, students with a disability and the organization and management of residences.

The primary criterion for selection of first-year applicants should be academic performance; other "instruments" used to make admission decisions — the student profile and portfolio, for example — will also be considered.

Academic performance and related criteria will also be used to choose residents from second-entry applicants.

The policy for immediate expansion is also designed to establish priorities for admission.

"In the allocation of new student housing spaces and in the redistribution of existing spaces, first-entry professional faculty students, especially women, second-entry students, especially those in professional faculties for whom no designated spaces now exist, and students with families should be given high priority," the expansion policy says.



LEWKO/HRYHORIUK

Fighting on

Mark Haarmann (left) of U of T does what he can to stop Neven Kardum of the York Yeomen during a game at the Varsity Arena Jan. 10. The Blues defeated York 4-1.

Since Christmas, the future for the men's hockey team has been looking

brighter. They got off to a slow start but have recently taken home five of a possible six points and now have a reasonable chance of making the play-offs at the end of February. Their record as of Jan. 19 is 6 wins, 9 losses.

BUSINESS BOARD BRIEFS

AIDS laboratory

Approval was given for construction of an AIDS laboratory, called a viral isolation facility, in the FitzGerald Building on Taddle Creek Rd. at College St. The laboratory will be a reference centre for research into developing improved diagnostic procedures and anti-viral therapies for patients with AIDS.

The estimated cost has risen to \$1.6 million from \$825,000 in 1987. Janice Oliver, assistant vice-president (facilities and administrative systems) said that during the planning process, the laboratory was moved to a new risk classification requiring stricter safety guidelines. The money, provided by a Ministry of Health grant, was originally intended to pay for renovations, equipment and salaries. Now the Faculty of Medicine will find other sources of funding for equipment and salaries.

Reservations, but no complaint

The Business Board has decided not to complain to the provincial government

concerning a mortgage interest subsidy program for new residence construction announced last summer. The province said it would provide \$13,000 per bed for 868 new residence spaces. However, over 25 years, that amounts to \$5,700 per bed. Despite their reservations, the board agreed to thank the government for its assistance and to leave the door open for negotiation of future amounts.

It costs approximately \$36,000 to construct one residence space. The government mortgage interest subsidy will reduce the cost of financing on residence construction. It is the first time the government has assisted residence construction. "If we attack [the amount] we risk being accused of being ungrateful," said Paul Cadario, an alumni representative on the board.

Collective agreements

Should the Business Board approve all collective agreements or should it leave that responsibility to labour relations?

This was the question raised after the board approved the first contract for four members of the International Brotherhood of Painters & Allied Trades, District Council No. 6.

The board must approve first contracts negotiated with new bargaining units. However, Burnett Thall, an alumni representative, said the University negotiating team should refer all agreements to the board for ratification just as unions must present tentative settlements to their members.

The question will be addressed in the terms of reference of a human resources committee of the board. Alec Pathy, vice-president (human resources), said he hoped to have the document ready for the Feb. 13 meeting.

Weiler appointed Bissell visiting professor

PROFESSOR Paul Weiler of the Harvard Law School, one of North America's leading labour law scholars, has begun his appointment as Claude T. Bissell Visiting Professor of Canadian-American Relations.

In an announcement of the appointment Dean Robert Prichard of the Faculty of Law says Weiler is North America's leading labour law scholar and an outstanding student of Canadian constitutional law. "It is a tremendous coup that he is at the University this term," Prichard adds.

Weiler has begun to teach a course on law in the workplace. He will also give a series of public seminars and lectures and meet colleagues and students at his office in Falconer Hall.

As Bissell professor, he is appointed to the Faculty of Law, the Department of Political Science and the Centre for Industrial Relations.

A Canadian, Weiler has BA and MA degrees from U of T and degrees in law from Osgoode Hall Law School and Harvard.

Letters Home

by Rose Leiman Goldemberg

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Editor's Notebook

A foreman is a foreman is a foreman. Regardless of efforts to make the language of the University genderless, it seems foremen will remain forever foremen. **Alec Pathy**, vice-president (human resources) told the Business Board at its meeting Jan. 16 that his department is having some difficulties translating collective bargaining language into human resources language. What about forepeople, or forepersons, or forehumans or . . .

* * *

Frightened in the dentist's chair? You're not alone. Despite advances in dentistry which make pain in the dreaded chair almost a thing of the past, many still find the experience sufficiently frightening to make the mandatory visits a nightmare, when they're not avoided altogether. The Department of Community Health would like to help "dentally anxious individuals" learn to control their anxiety at least long enough to have their teeth fixed. Anyone interested in participating in such a research project should contact Dr. Andrée Liddell, 124 Edward St., 979-4483.

* * *

Richard Lederer, an English teacher at St. Paul's School in Concord, New Hampshire, pasted together a "history" of the world taken from genuine student bloopers collected by teachers throughout the U.S. from grade eight through university. Here's his history of the world (part 3):

The Greeks were a highly sculptured people, and without them we wouldn't have history. The Greeks invented three kinds of columns — corinthian, ionic and doric — and built the Apocalypse. They also had myths. A myth is

a female moth.

One myth says that the mother of Achilles dipped him in the River Styx until he became intolerable. Achilles appears in the Iliad by Homer. Homer also wrote the Oddity, in which Penelope was the last hardship that Ulysses endured on his journey. Actually, Homer was not written by Homer but by another man of that name.

Socrates was a famous Greek teacher who went around giving people advice. They killed him. Socrates died from an overdose of wedlock. After his death, his career suffered a decline.

In the Olympic Games, Greeks ran races, jumped, hurled the biscuits and threw the javelin. The reward to the victor was a coral wreath.

* * *

Michael Chen, a master's student in electrical engineering, has stirred the imagination of Apple Computer Inc. He has invented a way to manipulate a three-dimensional image on a computer screen, using a two-dimensional input device such as a mouse. He has made it possible, on the screen, to walk around a building, fly over it or tunnel under it. Apple has bought a licence to use the technology and a purchase option from the Innovations Foundation.

Chen will receive \$12,000 for his creation. The University collects an equal amount. The foundation has retained the rights to use Chen's invention in video games. 3-D Pac-Man anyone?

* * *

Bill Klassen, director of development at UC, recently received a book package addressed to him at "The University of Tomorrow, Tomorrow, Ontario." As he says, at least it's preferable to being at The University of Yesterday.

Budget process 'taxing'

THE BUDGET process "is not a voyage of discovery but a taxing exercise in meeting obligations with too few resources," President George Connell told members of the Academic Board Jan. 12.

"The preparations are not a result of capricious decisions of the administration or the budget committee," he said.

Connell said the budget must take account of provincial policies, financial obligations to programs and commitments to those inside and outside the

University.

The board approved the 1989-90 budget guidelines for final consideration by Governing Council at its next meeting in March. The guidelines project a shortfall of \$1.9 million of revenue over expenses. They propose several cost-saving measures to overcome it, including reduced spending on new initiatives and on inflation protection for non-salary items. If divisional base budget reductions become necessary, they will be limited to .33 percent.

Building renovations

PROPOSALS TO renovate the Mining Building on College St. and the UC Playhouse (part of the UC Union) on St. George St. were approved by the Academic Board Jan. 12 and will now go to Governing Council for final consideration.

The work on the Mining Building will

cost \$11 million, \$10 million for the east wing, \$1 million for the west.

The government of Ontario will provide \$6.7 million, Breakthrough \$2.7 million; a further \$1.6 million will come from the provincial centres of excellence program.

The Department of Metallurgy & Materials Science and two centres of excellence (the Manufacturing Research Corporation and the Ontario Centre for Materials Research) will occupy the renovated building. The Department of Geology is scheduled to leave mining this spring for the new Earth Sciences Centre.

The cost of the \$1.2 million UC Playhouse renovation will be borne by University College from private gifts and bequests. At its Jan. 16 meeting, the Business Board authorized the expenditure of up to \$180,000 for design work on the playhouse.

The project is part of the work on the UC Union that began last year. The renovations involve the dean's apartment and the front common room as well as the playhouse, dining room, kitchen and basement.

Arts and science council election

NOMINATIONS have opened for positions on the general committee and other committees of the arts and science council.

Nomination forms and a list of vacancies are available at the office of the dean, 2020 Sidney Smith Hall, faculty registrar's office, 1006 Sidney Smith Hall, departments, offices of college registrars and student organizations. Completed forms must be received in the office of the dean no later than 4 p.m. on January 27 in order to be valid.



GREG HOLMAN

Tuning in

It's music to the ears — especially with the help of a world-renowned musician.

Mary Ann Fujino, a fourth-year Bachelor of Music student specializing in performance, receives tips from a master during a special class with Pinchas Zukerman, violinist, violist and conductor.

Zukerman, whose technical prowess

and genius have captured international attention and success, was one of five musical artists invited in January to lead master classes for Faculty of Music students. Other invited performers include pianists Malcolm Troup and Garrick Ohlsson, composer Robert Saxton and soprano Elisabeth Soderstrom.

ACCESS changes to mean smoother registration

CHANGES TO ACCESS, including hiring a coordinator and establishing a management committee, will ensure registration proceeds more smoothly this fall in the Faculty of Arts & Science.

Last September the new, fully automated course selection system led to student and staff frustration when long registration line-ups formed at the Drill Hall. Students wanting to change courses and sections and those who had not enrolled by the July 25 deadline faced long delays.

ACCESS (Assisted by Computer Course Enrolment and Sectioning System) is designed to ensure that the number of students in each course, section, tutorial and lab does not exceed a set maximum.

Dean Robin Armstrong of arts and science presented a summary of the ACCESS report to the Academic Board Jan. 12. It includes 10 recommendations for changes to improve the system by September 1989.

Professor Gavin Smith, associate dean of the faculty and author of the report, said the changes won't clear up all problems "but they will make things better and make people feel they're being dealt with fairly. Under our budgetary and time constraints, these recommendations will produce realistic results."

Last year, in order to plan sections, course selection forms had to be submitted by mid-July instead of mid-September, giving the computer time to generate the required distribution of students.

To ease the process next year, a full-time coordinator has been hired to work on system design, deal with day-to-day problems and plan for upcoming technological changes. A 12-member management committee composed of students, registration staff, secretaries and computer experts has also been appointed to address ACCESS issues at monthly meetings.

The third major recommendation contained in the report proposes a review of clerical operations to pinpoint problems. Smith would like to see a University-wide time-management study in the near future to clarify staff functions and equipment needs as they relate to arts and science registration procedures.

The summary notes seven other recommendations that must be implemented to improve the course selection system:

- The system needs to be redesigned to facilitate interaction between the terminal operator and the central information system. An improved screen design would also reduce data entry difficulties. The registrar's office has allocated \$125,000 for these changes.

- Staff and students need more and better information about ACCESS.

- A deadline for uniform departmental balloting (whereby only qualified students are eligible for certain upper-year courses) is necessary so the system can quickly register the selected students and let others choose alternative courses. All departments would be required to complete their balloting by July 1.

- ACCESS must be able to recognize that some students have a greater need for certain courses. The report proposes a process which would put students in categories and their needs in priority, thereby enrolling all eligible students until a course is filled.

- A system that allows courses to be booked slightly above room capacity is necessary to take into account those students who later drop the course.

- Students should be able to go to their own colleges for late enrolment or to add or drop courses.

- Students in their final year should be given priority in courses needed to graduate.

A separate committee in the faculty is examining the possibility of telephone registration. A proposal requesting funding for a voice registration system has been submitted to the University registrar. The earliest possible implementation for this would be 1990.

Armstrong said the technology for ACCESS and phone registrations would develop together.

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Committees

Search

Professorship and program in ethnic, immigration and pluralism studies

APPLICATIONS and nominations are invited for the position of professor of ethnic, immigration and pluralism studies.

The person appointed to this position

will be responsible for the development of the program approved by Governing Council in 1988. The program will focus on four major components of ethnic pluralism in Canada:

- immigration and the process of settlement
- ethnic community formation, maintenance and disintegration
- inter-group relations, especially be-

tween the ethnic minorities and the culturally, economically and politically dominant groups, but also among ethnic minorities

- the impact of ethnic diversity and inter-group relations on the institutions of this society.

Initially the program has two objectives: the stimulation of research in these areas of study, and the development of a collaborative graduate program at the M.A./M.Sc. level.

The vice-president and provost has established a search committee to recommend the appointment of the professor. Members are: Professor R.C. Brown, vice-dean, Faculty of Arts & Science (*chair*); Professors Raymond Breton, Department of Sociology; K.L. Dion, Department of Psychology; J.M. Beattie, Department of History, Milton Israel, Centre for South Asian Studies; M.J. Trebilcock, Faculty of Law; P.R. Magocsi, Chair of Ukrainian Studies; P.G. Gooch, associate dean, Division I, School of Graduate Studies; and A.H. Melcher, vice-provost.

The professorship is a part-time appointment for an associate or full professor of the academic staff of the University of Toronto who holds full membership in the School of Graduate Studies. The professor will be appointed for a limited term (renewable) of up to five years.

Applications and nominations from any appropriate department or faculty of the University should be sent before *February 15* to Professor R.C. Brown, vice-dean, Faculty of Arts & Science.

Review

Chair of Estonian Studies

THE VICE-PRESIDENT and provost has established a committee to review the Chair of Estonian Studies, currently located in the Centre for Russian & East European Studies. When this chair was created in 1986 its development was planned to take place in two phases. The first phase, begun in 1986, called for the appointment of visiting professors who, over several years, would define the character of the chair, establish its main aims and directions and initiate the academic activities to be associated with the chair. There have been three visiting appointments to the chair since 1986 and a fourth is planned for 1989-90. The second phase of the chair development calls for a review to be conducted to determine whether the University is ready to appoint a tenured or tenure-stream holder of the chair.

Membership

Professor D.N. Dewees, associate dean, Division II, School of Graduate Studies (*chair*); Professor T.J. Colton, Centre for Russian & East European Studies; M.E. Cook, associate dean, humanities, Faculty of Arts & Science; K.A. Lantz, Department of Slavic Languages & Literatures; M.R. Marrus, Department of History; and S.G. Solomon, Department of Political Science and Scarborough College; and Beata FitzPatrick, assistant vice-provost (arts and science) (*secretary*).

Terms of Reference

1. Review the academic strengths and weaknesses of the chair as it has operated since its inception in 1986.
2. Review the relationship of the chair to the Centre for Russian & East European Studies in the School of Graduate Studies.
3. Review the progress of the chair in developing Estonian studies at the University of Toronto, assess the potential for future evolution and identify the areas in which such evolution might occur.
4. Recommend whether the University should make a tenure-stream or tenured appointment to the chair.

5. If the recommendation favours the making of a tenure-stream or tenured appointment, the committee should then consider and recommend on the following: a) when the appointment should be made; b) where the chair should be located; c) disciplines in which the appointment might be made; and d) how a search should be conducted to provide for the broad range of scholarship from which the candidate to the Estonian chair might be drawn.

In conducting this review the committee is directed to consult widely with interested members of the University community and of the Estonian community as represented by the Chair of Estonian Studies Foundation. The committee is asked to report to the vice-president and provost by March 25. Submissions to the committee should be received by the secretary before the end of February.

Review

School of Graduate Studies

FURTHER TO the announcement in the Jan. 9 *Bulletin* of a review of the School of Graduate Studies, the membership of the committee has been established. Members are: Principal Arthur M. Kruger, Woodsworth College (*chair*); Professors David F. Andrews, chair, Department of Statistics; James Friesen, Department of Medical Genetics and Hospital for Sick Children; Lorna R. Marsden, Department of Sociology; Colin R. Phillips, Department of Chemical Engineering & Applied Chemistry; James E. Till, Department of Medical Biophysics; and M.P. Winsor, director, Institute for History & Philosophy of Science & Technology; and Rosemary Jolly, graduate student, Department of English; and Beata S. FitzPatrick, assistant vice-provost (arts and science) (*secretary*).

Submissions are invited and should be forwarded to the secretary before the end of January.

Special

Native students

THE SPECIAL committee on native students established by the Academic Board will hold an open meeting on Jan. 30 from 4 to 7 p.m. in the Board Room, Simcoe Hall.

Members of the University community interested in addressing the committee should know that it is focusing on five main areas:

- pre-university education
- University recruitment practices and policies
- University admissions policies and awards
- support services for native students
- academic programming issues.

The committee would be pleased to hear advice or comments on these or any other issue members of the University think relevant. Individuals or groups wishing to address the committee are invited to contact Irene Birrell, Office of the Governing Council, 978-8794. Because the committee's time is limited, it is requested that speakers bring written versions of their comments.



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A view of the future

This is how King's College Circle will look by April 1990 — minus the snow, perhaps. The Metallurgy Building in the centre (currently one storey) will get an extra three floors to provide room for the Departments of Electrical Engineering and Computer Science, the Computer Systems Research Institute and the Information Technology Research Corporation. It will contain computer-chip manufacturing facilities and extensive data

communication networks. Approval was given by the Business Board on Jan. 16 to start construction. The \$9.1 million project will receive over \$6 million from the Pratt trust fund and will be known as the D.L. Pratt Building, in honour of Lorne Pratt, a 1922 engineering graduate. The architect of the building is Dunlop Farrow Aitken Cansfield Inc.; the general contractor is Harbridge & Cross Ltd.

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TEACHING TEACHERS

The Learning Consortium's cooperative beginnings

by George Cook

TWO YEARS AGO, a committee of the legislature travelled the province in search of opinions and advice concerning the relationship between the Ontario Institute for Studies in Education and the University's Faculty of Education. It found that OISE had a good reputation among educators while the faculty was considered aloof and, in some respects, irrelevant.

Michael Fullan, then at OISE, sat in on several sessions and noted the attitudes to the University. A year and a half later, when he left the institute to become dean of the education faculty, he brought with him a plan to improve teacher training, a plan he also hoped would improve U of T's reputation among Ontario educators.

Fullan moved quickly. Within a month of his arrival, he established the Learning Consortium, an association of educators from the faculty, OISE and four school boards: Dufferin-Peel (separate), Durham, Halton and North York.

The consortium provides a context for cooperation among teachers, administrators, academics and researchers. It is a way of "extending the definition of teacher education," Fullan says. The participants have begun to explore ways of improving professional development at all career stages (trainees, beginners, seasoned veterans), academic levels (from junior kindergarten to the Ontario Academic Courses) and functions (teachers, consultants, department heads, vice-principals, principals and others).

U of T, OISE and the four boards share the cost of a full-time consortium coordinator, while the Ontario Ministry of Education has provided seed money for the venture. All decisions regarding activities are made collegially by the participants themselves.

Cooperative learning

The consortium's first major initiative, involving about 100 people from all six groups, was a two-week "summer institute" at Scarborough College last August designed to build a network of educators committed to professional development through cooperation with colleagues. The discussions and workshops centred on the cooperative learning method of classroom teaching. As they practised, the participants taught themselves how to become better teachers.

Successful at both the elementary and secondary levels, cooperative learning is a method by which students teach each other according to plans designed and implemented by the teacher.

Norm Green, professional development coordinator for the Durham board, east of metro, says the use of the strategy in designated schools has lead to dramatic improvements in student performance. Durham sent six groups to the summer institute, two from secon-



Michael Fullan

dary schools, four from elementary schools. Each group had only one objective — to try to apply the cooperative learning model in one classroom in each school. They learned how to organize groups where each member performs a particular task, one that is essential to the group as a whole.

The careful preparation of students to work together is the first step towards effective collaboration. Without adequate preparation, groups are reduced to collections of individuals, with some members active and leading, others passive and following. Cohesion is lost and, while a few benefit, most gain very little.

"In ordinary group situations, one kid does the work and the others grab it," Green says. "In cooperative learning, there is a conscious plan for real organization."

Success rate

At a high school in Pickering, the method has been applied in a math class — usually considered stony ground for cooperative approaches. But Green says it has worked remarkably well. In the past, when the math students worked in isolation from one another, many would fail to attempt a large number of test questions. With the advent of cooperative learning the number of attempts — and the success rate — has risen dramatically. Top students continue to do very well, while those in the middle range improve. And there are fewer failures. Teachers, anxious to achieve better results, are talking to those who attended the summer institute to learn more about the method, and the students

themselves have begun to ask other teachers to bring cooperative learning to their classrooms.

In about six months all four boards will send another group of teachers, principals and consultants to the second summer institute. Meanwhile, in Durham and elsewhere, those who have successfully implemented the method will begin to teach it to their colleagues.

Green says that consortium activities have begun to change attitudes to the Faculty of Education. It is beginning to live up to its potential to help working teachers, as well as those in the BEd program. "Everyone is excited by the change and renewal this project is bringing. When they talk about U of T and the Faculty of Education, they speak with hope and expectation."

The summer institute and the cooperative learning project are part of a much larger plan for the reform of teacher training and development in Ontario. Fullan believes that despite obstacles, progressive changes can be achieved. "It is enormously difficult and there are lots of barriers. We could concentrate on our BEd students and do the best possible job within our narrow mandate. But that isn't going to make a big impact." The preferred alternative — a faculty active in the education of teachers at all levels — is more ambitious.

Good teaching

Today, researchers know what makes a good teacher and this knowledge gives focus and force to training initiatives. Good teaching is no longer a matter of sheer intuition and good luck; it can be taught. The pace of retirements and promotions from the ranks has increased, creating opportunities for new teachers with new ideas. Those moving into administrative positions are more attuned to up-to-date research. Fullan calls them "critical consumers" of innovative practices, more likely to favour collaboration. And at the faculty itself, there is an opportunity for many new tenure-stream staff as well as secondments from the field.

"Instead of producing teachers as fast as we can — as in the 1960s — we can develop new approaches to produce better teachers and better training for educational leaders."

Cooperative learning is the first, but

not the only instructional method consortium members will learn. Says Fullan: "Even for people excited about cooperative learning — we don't advocate that they use it 100 percent of the time in the classroom; it might only be 30 percent. We want to work on a variety of methods so teachers can develop a repertoire and know how to deal with cooperative learning, concept attainment, mastery learning...." If a method is clear and proven it can be disseminated through the consortium network.

Balanced approach

Fullan has spent much of his academic career studying change; his research has resulted in a balanced approach that stresses both cooperation and discipline. "There's a lot of evidence that says the top-down approach doesn't work, because people are being told what to do and because of the isolation of classrooms. They can just close the door and not do it." Nor is bottom-up change effective. Given autonomy in the context of broad guidelines, individuals and groups often lose direction. "Decentralization creates its own problems."

The collaborative approach of the consortium attempts to bring the best of the command and grass-roots models to bear on the improvement of teaching in the schools. The activities of groups of teachers in the larger group creates a sense of accountability — individuals and groups make a commitment to reporting and evaluating their progress — and support, providing a ready network of colleagues. "The procedure forces people to keep at it. You have to start small and think big, because if you go for the big plan right away, it is so complex you can't implement it and people get frustrated."

The consortium is a three-year project. Towards completion, it will be evaluated and participants will discuss it. Other boards have already shown an interest in joining. Fullan foresees a "multiplicity of agreements" among faculty, OISE and school boards.

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Hart House theatre ages gracefully

Leaky roof provides comic relief during spring run-off

by Jane Stirling

HART HOUSE THEATRE, Toronto's second oldest continuously operating theatre after the Royal Alexandra, has aged with grace. A few touch-ups, though, are necessary to keep the 69-year-old in perfect shape.

Theatre manager Janet Bessey said the 459-seat facility must be renovated in the next couple of years. The lobby needs new carpeting and renovated washrooms, lighting and sound boards should be updated and more space is required for the box office. An automated ticket system is also being considered.

An application for about \$750,000, to be funded half by the Ministry of Citizenship & Culture and half by the University, will soon be submitted to the government, said Sky Jones, director of the Office of Space Management.

Any interior changes, though, will not be drastic. Bessey, who is trying to raise the profile of the theatre in the University community, wants to retain its charm. Visitors will still be able to admire the elegant chandeliers in the auditorium or use the telephones housed in old-fashioned wooden phone booths in the hallways.

"The history and ambience here just can't be duplicated," she said.

Actress Charmion King, who has recently finished starring in a two-month run of *Arsenic and Old Lace* at the theatre, calls it "an extraordinary place for actors" especially those with ties to U of T. "It brings back memories. It's quite haunting."

While renovations are necessary to



Theatre manager Janet Bessey wants to retain the charm of Hart House Theatre when it undergoes much-needed renovations.

keep the facility operating efficiently, one area that won't be repaired in the near future is the roof over the stage. Occasionally it leaks, especially during spring run-off — a situation that created some unintentional humour and problems for the actor playing Laertes, whose death-bed scene in *Hamlet* included a struggle with splattering rain drops. On another occasion, a mime artist was able to incorporate an onstage puddle into an improvisational act.

Unexpected stage occurrences can't always be blamed on the weather though. King remembers one performance of *Saint Joan* when the "executioner" walked to one side of the blackened stage to light a fire and accidentally bumped into a huge stack of chairs.

"All you could hear for what seemed like 15 minutes was chairs tumbling down," she laughed.

In another incident, Bessey recalls the backstage panic when an actor in *End Game* skipped two pages of dialogue. Performers who were required on stage were still sitting in their dressing rooms having a cigarette or waiting for their cues.

"I've never seen people move as fast backstage as I did that night," she said.

Early years

Hart House Theatre opened Nov. 27, 1919. Its first productions of *The Queen's Enemies* and *The Farce of Master Pierre Patelin* were performed by the Players' Club, founded by Roy Mitchell. Vincent Massey, after whose grandfather Hart House had been named, and his younger brother Raymond, who became a well-known professional actor, both performed in and

directed plays in the early years.

Through the 1920s and 30s, the playhouse was a leader in the Canadian Little Theatre movement, a home for talented amateurs from both the community and campus.

Faculty revues such as Skule Nite and Daffydlil have been performed at Hart House since the 1930s along with college revues starring, among others, Johnny Wayne and Frank Shuster in UC Follies.

In 1946, Robert Gill became the artistic director, a job that was to last 20 years. Under his direction, the drama program served as a national theatre school, shaping the face of Canadian drama. Donald Sutherland, Leon Major, William Hutt, Barbara Hamilton, Kate Reid and King were a few of Gill's protégés.

"It was a very stimulating time to be at the University," King said. "The theatre was very active and very exciting."

In 1966, while continuing to be a base for college-faculty revues and community productions, the theatre was brought into the academic curriculum as part of the new Graduate Centre for the Study of Drama. Renovations included a larger stage, new lighting system, chorus dressing rooms and a refurbished lobby and auditorium.

Two years ago, the drama program relocated to the new Robert Gill Theatre in the Koffler Student Services Centre and the Hart House facility returned to its original status as a community theatre.

Currently operating as a rental hall, Hart House Theatre is usually booked from September to June. A professional company generally stages a production in the fall while college and faculty revues and high school drama festivals occupy centre stage in the winter and spring. Meetings, concerts and lectures are also held in the auditorium. The summer season is not as busy due to the proliferation of outdoor plays in the city.

The theatre has a full-time staff of four, consisting of Bessey, a box office manager, a technical director and a cleaner.

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February 5	Fusion energy: prospects for Canada Donald Dautovich, Canadian Fusion Fuels Technology Project
February 12	The Silver Dart's 80th anniversary Robert Bradford, National Aviation Museum
February 19	Plant defences against disease Michele Heath, University of Toronto
February 26	Science, literacy and the media Derrick de Kerckhove, University of Toronto
March 5	The Toronto SkyDome: architecture and engineering on a grand scale Roderick Robbie and Michael Allen, RAN Consortium
March 12	Sports medicine — what is it? Derek Mackesy, University of Western Ontario

For full program details, call 928-2096

Faculty/Staff Campaign breaks ice tonight

Today is the first day of the Faculty/Staff Campaign and at tonight's "Ice Breaker" skating party, hundreds of faculty, staff and their families will celebrate the day as they skate or spectate in Varsity Arena. There will be a hockey "shoot-out," lessons from the Blues hockey and figure skating teams, a performance by Karen Preston — "the next Liz Manley," says Jackie

Photo: IMS Creative Communications

Wolf, organizer of the event — and refreshments to warm up with afterwards.

Then, for the next four weeks, over 325 faculty and staff will be canvassing their colleagues, coaxing, cajoling and convincing them to give to their campaign. For although the Faculty/Staff Campaign is part of the University's Breakthrough Campaign, it is independently run by and for faculty and staff.

As campaign deputy co-chair Bill Graham puts it: "Even though we've set a money target of \$4 million, our goal is to achieve maximum participation. No specific amounts or percentages will be suggested."

Choose your own project

And no particular projects are being suggested by Breakthrough. Faculty and staff have the choice of pledging either to one of the 34 Breakthrough projects or to a project of their creation, whether it's to improve their own building, establish a scholarship, or expand their department.

Many interesting projects have been developed by staff and faculty. At University College, for instance, faculty, staff and students have agreed to

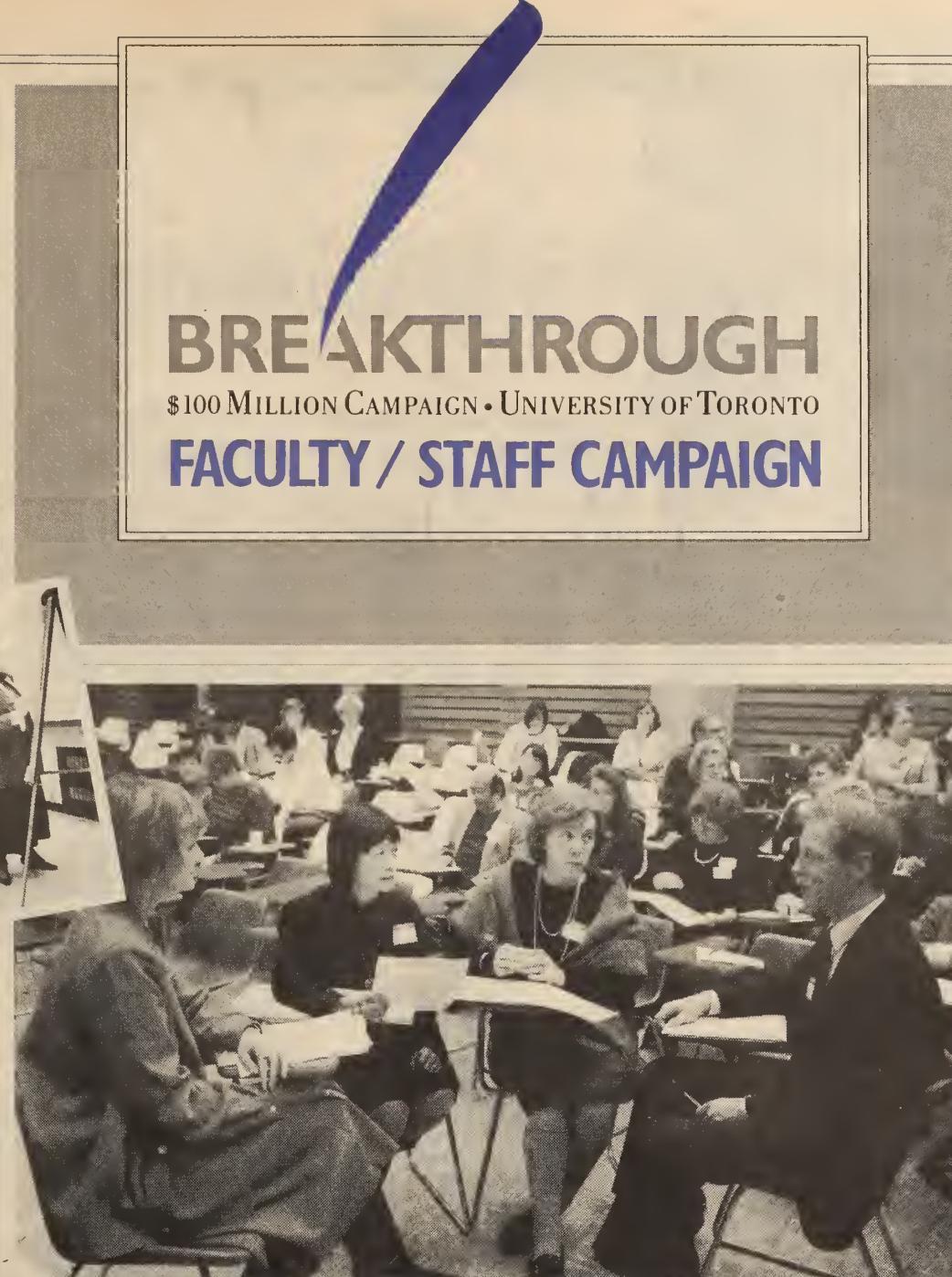


Photo: IMS Creative Communications

Top left: support session leaders Les Babbage and Jackie Wolf discuss the dos and don'ts of canvassing. Later canvassers Memoree Schafer from botany, Eva Swensen from information services, Jean Griffin Elliott from public relations and Sandy Henderson from Hart House discuss canvassing strategy at a support session.

make the renovation of the refectory their Breakthrough project. The French department is starting a fund to help out their students on the Aix-en-Provence program. In recent years, the declining value of the Canadian dollar vis-à-vis the franc, has made it impossible for students without family support to take full advantage of their year in France.

In Botany, now in the throes of organizing the move to the new Earth Sciences Centre, canvassers will suggest such projects as: kitchen appliances for their new lounge, a rooftop meeting place, and improved greenhouse educational facilities for

the public. Wayne Sumner, chair of the philosophy department and a canvasser in the department's offices at 215 Huron, has suggested to his colleagues that they make their pledge to Philosophy.

"The department needs philosophy periodicals that the library cannot afford, videos for teaching, and would like to establish a regular lecture series given by a distinguished scholar," says Sumner.

Confidentiality assured

Confidentiality of campaign pledges is paramount.

"Once the canvasser hands over

the pledge card, his or her job is through. Only the person who processes the gift sees the card," says Campaign co-chair Gwen Russell.

Today is also the end of stage one of the Faculty/Staff Campaign. For the past four months, Campaign co-chairs Cecil Yip and Gwen Russell, and deputy co-chairs Graham and Darlene Myers have been building the organizational structure necessary to take on the mammoth task of reaching each of U of T's 10,000 staff and faculty.

10,000 staff in 100 buildings

Huddled in the upper peaks of Robarts, labouring in the labyrinth of labs in the Medical Sciences Building, from as far north as the David Dunlap Observatory in Richmond Hill, and as deep as the lowest level of Hart House, the faculty and staff of the University spread themselves thick and thin — over 900 at 215 Huron Street to one at Whitney Hall — in over 100 buildings.

To reach everyone, without overburdening any one person, the team devised a grassroots structure. They divided the three campuses geographically into 11 sectors and recruited two vice-chairs per sector. The vice-chairs then recruited a building coordinator for each building in their sector. And the building coordinators recruited canvassers to do the person-to-person work.

For the past two weeks, canvassers have been attending support sessions given by vice-chair of support and special events Jackie Wolf, director of the School of Continuing Studies, and Les Babbage, director of staff planning and development. The sessions featured a Wolf-Babbage-produced videotape on the dos and don'ts of canvassing: Joan, "the loud-mouthed trouble-maker," played by Wolf, meets Larry, "the earnest hard-working canvasser," played by Babbage. There were role-play exercises and encouraging words from Campaign co-chair Cecil Yip.

"When we sat down months ago we had no idea how we were ever going to carry off this immense job. Now to see all of you here, I am filled with an excitement which is beyond description."

NEWS FLASH PDD and C raises \$.5 million in early canvass

In an early canvass of senior faculty and staff, more than \$500,000 has been formally pledged by the University's Principals, Deans, Directors and Chairs (PDD and C). This represents a 70 per cent participation rate at the time of press.

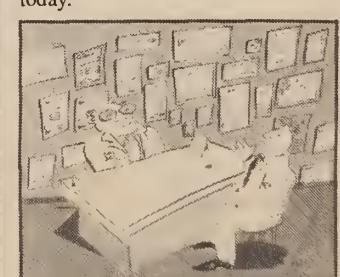
"I'm elated," said chief librarian Carole Moore, last Wednesday, at the most recent count of contributions and participation, "particularly because this has been a grassroots effort."

"Fifteen of the 201 members of PDD and C, have done all the canvassing."

Moore, vice-president and provost Joan Foley, and law dean Rob Prichard have led the PDD and C canvass, and they're pleased with the results.

"By the 23rd (today), our deadline, we will have 90 per cent participation which is what we had hoped for," said Prichard.

Moore said the success of the PDD and C canvass augurs well for the Faculty/Staff Campaign which starts today.



"May we suggest, as a guideline for giving, \$50.00 per diploma or degree."

Take a walk down Philosopher's Walk

Michael Edmunds has a particular lens through which he views the University of Toronto. As director of the Media Centre, where he oversees the production and distribution of audio-visual programs and equipment, Edmunds sees faculty and staff from all over the campus.

"I'm aware daily of lots of shortages in the University. The things that departments can't afford aren't exceptionally expensive, such as when a department has no petty cash to rent a film," says the 17-year veteran of the Centre.

When he was first approached by Darlene Myers to be a vice-chair for the "Bloor/Philosopher's Walk" sec-

tor, Edmunds hesitated.

"Darlene called me up and I said I'd think about it. When I went to a meeting and saw the people involved, that turned the corner for me."

"I realized this was a chance to work for something I believe in, something that's of value to society."

That's what this campaign is all about."

Edmunds also knows a lot of people in his sector, so getting building coordinators was not a problem. He will be canvassing his own building of 12 staff and faculty.

While the Media Centre does not have its own project, other buildings

in the Philosopher's Walk sector — "or the dog walk, derelict walk or muggers' walk," as Edmunds alternatively calls it — do. Woodsworth College, for instance, already has a building expansion fund; and Management Studies is constructing a new building on St. George Street.

Claude Brodeur, the other vice-chair of "Philosopher's Walk," has his own project. A professor of psychology in the Faculty of Education, Brodeur is executive vice-president of PRIME Mentors of Canada, a University organization devoted to bringing together senior citizens and school children along the lines of the pupil-mentor model of education. He will make his pledge a PRIME one.

Edmunds will be making a general pledge to the University. "I'm doing this for the University as a whole, not for the Media Centre."

This is Edmunds' first time fundraising. If there is a next time, he jokes, "I'll just make a bunch of videotapes and let the tapes do the canvassing."



Photo: IMS Creative Communications

Wendy Bonus, canvasser at Woodsworth and the College's director of public relations, vice-chair Michael Edmunds, canvasser Carmella Moltisanti, secretary at industrial relations and vice-chair Claude Brodeur at the gate to Philosopher's Walk.

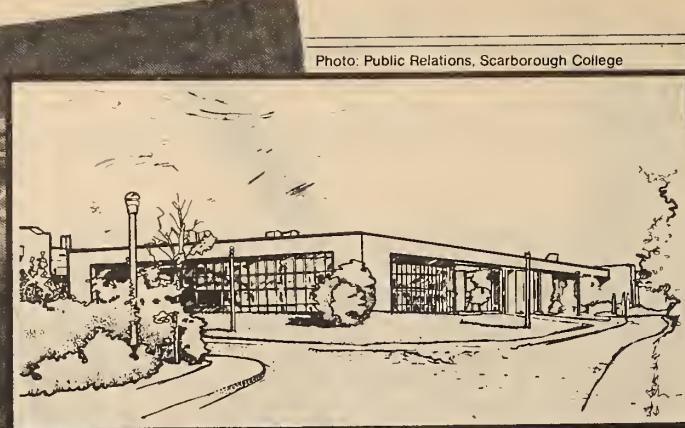
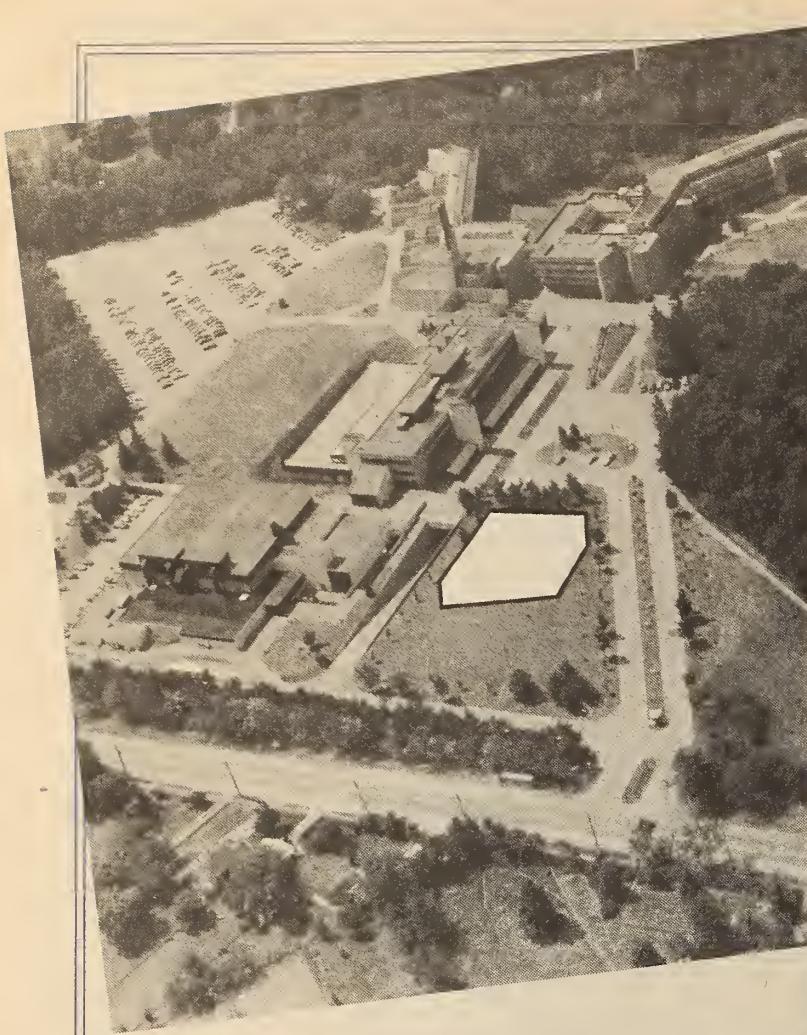


Photo: Public Relations, Scarborough College

Erindale's planned Centre for Management and Social Sciences.

The white spot marks the site of the planned Scarborough Hall Cultural Centre.



Photo: Alison Dias, Erindale, 1987

The Erindale Team: bottom row, from left to right; Ann Tilson from personnel, Sheila Royce from technical services, Barb Pieroni, chemistry technician and Bogomila Welsh-Ovcharov, professor of fine art; top row, from left to right; June Wood, administrative secretary, Carl Corder, professor of psychology, Gordon Gracie, of surveying science, David Huelin, academic workshop and Janet Paterson from the French department.

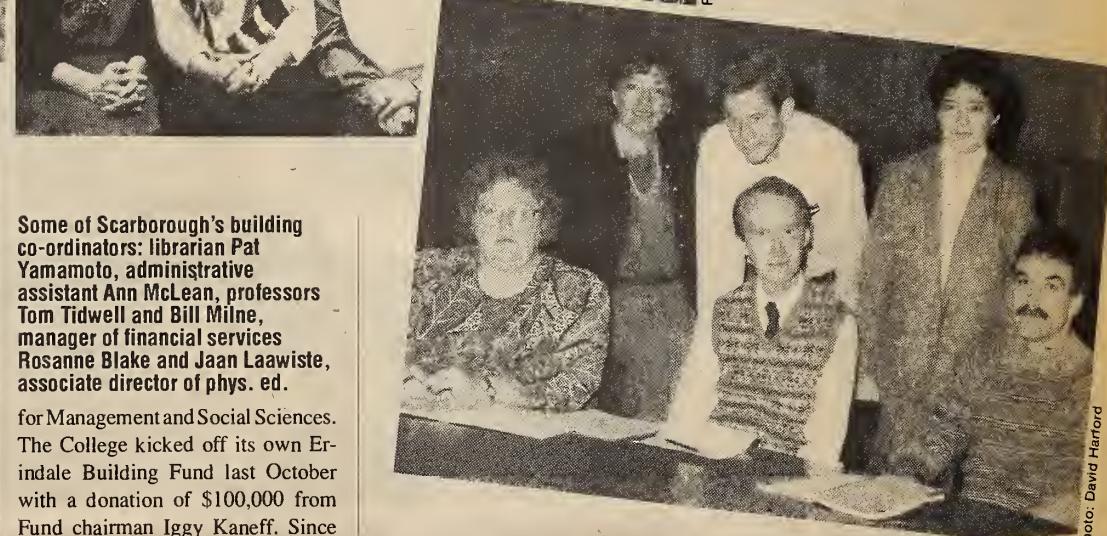


Photo: David Harford

Scarborough and Erindale canvass for new buildings

Even though Ann McLean and Barbara Pieroni work at opposite extremes of Metro Toronto, they share similar enthusiasm for their respective colleges. They look forward to seeing Scarborough and Erindale colleges expand and become more integrated into their communities.

McLean began work at Scarborough as a clerk-typist when she was only 18. More than twenty years later, the administrative assistant to the associate dean of research and services is still "proud of being associated with the University," but concerned with the effects of underfunding. So she decided to take on the job of vice-chair for the Scarborough division of the Faculty/Staff Campaign.

"It's very important that I support the University. I've got 21 years of my life invested here."

McLean is particularly happy that Scarborough staff and faculty can support their own project: Scarborough

Hall, a cultural centre for the campus and community, that will have a 250-seat theatre, a rehearsal hall, drama studio, art gallery and music room.

"That's the beauty of this campaign, being able to support something we'll all be able to see and make use of," says McLean. Scarborough is having its own Faculty/Staff Campaign "Icebreaker" on Jan. 29, when faculty, staff and their families will

"That's the beauty of this campaign, being able to support something we'll all be able to see and make use of ... something tangible." — Ann McLean

skate, play snow baseball, watch cartoon videos and drink hot-chocolate.

Like McLean, Barbara Pieroni, a vice-chair of Erindale's Faculty/Staff Campaign, is excited about Erindale's new building in the planning: the Centre



Photo: Steve Jaunzemis

Erindale building coordinator Dave Huelin at work in the academic workshop.

Campaign brings him up from below

Most of the time craftsman Dave Huelin doesn't get to see much of Erindale College, working in the machine shop in the College basement.

"We're like mushrooms down here. Usually we only see daylight when we go home," he says, referring to his colleagues and physical plant staff.

But lately Huelin has been surfacing more frequently. He's one of the four staff building coordinators at Erindale.

"It's at times like this that I realize what's going on here," says the 10-year Erindale veteran.

Despite working in the basement, Huelin has come to know a wide

variety of Erindale faculty and staff through his work making equipment for research and teaching in arts and science.

"I do everything from the plain to the exotic. Using materials ranging from wood and steel to titanium and zirconium, we build anything from cages for grasshoppers to measuring equipment for survey science."

Right now Huelin is designing the

Some of Scarborough's building co-ordinators: librarian Pat Yamamoto, administrative assistant Ann McLean, professors Tom Tidwell and Bill Milne, manager of financial services Rosanne Blake and Jaan Laawiste, associate director of phys. ed.

for Management and Social Sciences. The College kicked off its own Erindale Building Fund last October with a donation of \$100,000 from Fund chairman Iggy Kaneff. Since then, the Kaneff Charitable Foundation has added a significant amount to the original gift.

Pieroni, an Erindale chemistry lab technician, has been raising her own funds for the building. In December she held a nut-sale and a giant Christmas-card-signing which netted \$510.22.

"Our objective wasn't so much to raise money," she said, "but to attract attention to the Breakthrough Campaign."

Pieroni is optimistic about the canvass of Erindale faculty and staff, partly because of the "great people I have to work with," staff building coordinators Ann Tilson, Dave Huelin, Sheila Royce and June Wood and her co-vice-chair Bogomila Welsh-Ovcharov. And partly because of her feeling for the community.

"I live in Mississauga and this

equipment to transport the University's travelling telescope. The telescope will be used in developing countries that cannot afford their own telescope.

Huelin, a tool and die maker by training, likes his job. He agreed to be a canvasser because he has a good rapport with the people on his floor and because he wants to see Erindale grow.

"You could see it as being a selfish motivation," he says, "but as Erindale grows, the number of staff and faculty grow and there's greater job security all round."

Huelin also has a commitment to the community that Erindale serves. The Huttonville (near Brampton) resident was a volunteer fire-fighter for 25 years.

"I'm always involved with some community project," he says.

campaign is for the whole community, this is for everyone."

It is out of gratitude that fine arts professor Welsh-Ovcharov decided to be the faculty vice-chair for Erindale.

"The key issue that decided me was that we could designate money to Erindale. I can't stress enough how much Erindale helped me organize

the Vincent van Gogh exhibit (held last year at the Musée d'Orsay in Paris), and I wanted to support the College so it can continue to promote these sorts of ventures."

On Feb. 1, Erindale holds its own Faculty/Staff Campaign launch featuring a faculty/staff "bake-off." After the goods have been judged they'll be auctioned off for Breakthrough.

MSB no stranger to fundraising

Dorothy Gulliver is undaunted by the task of organizing the canvass of the Medical Sciences Building. In fact she would like to see the fundraising period for the Faculty/Staff Campaign go on past its Feb. 28 deadline.

"Why cut off fundraising if there's still enthusiasm?" she says. Based on the success of MSB fundraising events in the past, Gulliver predicts there will be plenty of enthusiasm for the Faculty/Staff Campaign.

Working with fellow vice-chair for dentistry and medicine, Robert Murray, Gulliver recruited building coordinators Dezso Kadar, Connie Drummond and Garrett Lumchik for the MSB. She is planning a gourmet bake sale for Feb. 10 — "just in time for Valentine's," a carnival night in March, where 300 prizes will be auctioned off, and a two-day barbecue in May.

Gulliver, director of central services (which looks after Temporary Personnel Services, photocopying, and



All set to fundraise at the MSB: Dezso Kadar, professor of biochemistry, Garrett Lumchik of technical services, business officer Connie Drummond,

Taking on Fort Book

Sector five in the Faculty/Staff Campaign has been dubbed "Fort Book" for obvious reasons. The monumental Robarts Library/Thomas Fisher Rare Book Library/Claude Bissell Library and Information Science complex is certainly the dominant structure in the vicinity. Tucked away in the wings and body of the complex, 600 people do many different jobs requiring a multitude of languages. It is the task of building coordinators Robin Healey, Cathy Matthews and Carla Hagstrom to assure that each one is canvassed in the Faculty/Staff Campaign.

Healey, who works in a corner of the sixth floor as the book selector for the departments of Fine Art, Italian Studies and Anthropology, is responsible for the sixth and seventh floors. He agreed to take on the task partly because, after eight years in Robarts, he knows a lot of people and partly to be a representative of his family. His wife, Antoinette de Paolo-Healey, director of the Dictionary of Old English, one of the non-book "tenants" in Robarts, was also asked to be a building coordinator.

The DOE isn't the only non-book tenant in Robarts. Mainly concentrated on the 8th and 14th floors, the 150-or-so tenants include Sanskrit Studies, the Madame de Graffigny project, the Zola project, part of the department of religious studies and others.

Cathy Matthews, head librarian for the Centre of Criminology library on the 8th floor, is responsible for the canvass of the tenants.

"What a rabbit warren it is up there," she said after a visit to the 14th floor in search of canvassers.

Nevertheless Matthews found her canvassers. After 12 years of travelling in the same elevator with the tenants, she has enjoyed getting to know some of them.

Carla Hagstrom, head reference librarian, also has a mixed bag of people on floors one to four: reference, circulation, exit control, shelvers and

library administrators, to name a few.

"I think people should be involved in this," she says. "I agree with Rita Crump (one of the vice-chairs of "Fort Book") that instead of complaining, this is our chance to contribute."

U of T libraries already do some of their own fundraising. The Friends of the Fisher Library are regular donors in cash and gifts-in-kind to the Fisher Library. This year they have given \$2 million in kind, up one million from the previous two years.

And for the past two years the libraries have been selling cards and posters.

"The cards were all sold out by Christmas," says library director of development and public affairs and the other "Fort Book" vice-chair Alan Horne. The library also has an "adopt a periodical" plan where staff, faculty and friends subscribe to a periodical for a minimum of three years. Already 40 periodicals have been adopted since the program began last year. And the cost of adoption may be considered a Breakthrough donation. Healey, for instance, is making his donation to Breakthrough by adopting *Cultural Anthropology* for five years.



Cartoon: c.a. zylatkanskas



Photo: IMS Creative Communications

The keepers of Fort Book: librarian Carla Hagstrom, secretary and canvasser Laurie McNeice, book selector Robin Healey, and Rita Crump and Alan Horne from library public affairs.

materials for the medical buildings) took on the position of vice-chair because of her fundraising experience.

For the past three years she has been on the organizing committee for Labs and Tabs, a trade fair for medical suppliers. Last year the entire proceeds from the rental of booths and

from a barbecue lunch — a sum just short of \$20,000 — was used as the prize in a Faculty of Medicine draw, won by biochemistry. This year the barbecue will be held specifically for Breakthrough.

With so much fundraising dynamism, it looks like the coals will stay warm for a while at the MSB.

A Man who knows his place

When you ask Dezsó — "Desi" — Kadar where he comes from, it's a little hard to get a straight answer. The U of T professor of pharmacology was born in Transylvania when it was already part of Rumania. But being an ethnic Hungarian, he was denied Rumanian citizenship. As a boy, he and his family left Transylvania for Hungary in 1944 as a political refugee. Then came the Soviet invasion of Hungary in 1956. Once again Kadar found himself a political refugee, this time in Canada.

But, if Kadar's beginnings are ambiguous, he certainly knows now that Canada is his country — "the country I've spent most time in" — and U of T is his university.

Kadar is one of three building coordinators for the Medical Sciences Building, a building he knows well, having been in it since its opening in 1969. He is responsible for organizing the canvass of the approximately 100 faculty in the building.

"I accepted to help with Breakthrough in this building," he says, "as my way of paying back the University for all it has done for myself and my family."

Kadar earned all three of his degrees at U of T. His wife holds a U of T degree in pharmacy and both his children are graduates: his daughter in dentistry, his son in mechanical engineering.

He's expecting a "fantastic" response. "All the canvassers have been happy and willing to participate, even more than they were in the United Way."



Photo: IMS Creative Communications

They came back. Retirees Stanley Kent, professor emeritus of architecture, Audrey Hozack, canvasser emeritus of Woodsworth and Kurt Levy, professor emeritus of Spanish and Portuguese — outside Woodsworth College.

Retirees active in Campaign

tor of alumni affairs, and later returned to Hart House as assistant warden. She did eventually get her BA. In 1985 she graduated from Woodsworth, the same year she retired, and began as a full-time volunteer at the College.

Hozack is devoted to the University and to Woodsworth in particular.

"I think Woodsworth is deserving of assistance. As a part-time college it fulfills such an important function, and it has such limited resources."

Kurt Levy was happy to help out when Campaign co-chair, Cecil Yip called him up. But he had no idea of what he'd got himself into.

"The next thing I knew I was a vice-chair for canvassing professors emeriti and Yip had taken off to Australia." Nevertheless, Levy has no regrets about taking on a job "that could keep me busy for my whole retirement."

"I agreed to work on the Faculty/Staff Campaign because I'm interested, I'm concerned and I believe that a degree of commitment is important for all faculty and retired professors."

Stan Kent agreed to canvass architecture when the school chair Ed Fife approached him.

"You wear the right tie; you'll make a great fundraiser," Kent recalls Fife saying.

"Some of us dress like profs around here," retorted Kent. "Ed likes to dress like a gardener."

In seriousness, Kent took on the job because he wants to see the school improve.

"We no longer have any fulltime history of architecture professors where once we had four," he says. "Our library needs to be expanded and we need computers."

Kent has seen a lot of changes in architecture from the time he taught in the converted barracks in Ajax, barracks that had housed the workers who filled explosives with shells during the war. And, like Hozack and Levy, he wants those changes to be for the better.

For these three retirement has never been busier.



"I'm canvassing you." "No, I'm canvassing you."



Photo: IMS Creative Communications

Dorothy Gulliver of central services and Bob Murray, professor of biochemistry.



Number One Spadina with canvassers Diane Wiltshire, Stratula Tsonis, Joan Wheat, Debbie Fengler, Doreen Jones and Anne Wolf.

One Spadina rises to the occasion

The sight of One Spadina Crescent, sitting with such importance,

plum in the middle of Spadina, frequently compels American tourists to enter the Victorian building. "What is this beautiful building?", they ask," says Anne Wolf, executive secretary for the eye bank, one of the many interesting and somewhat forgotten offices and labs in the 115-year-old structure.

Finally Wolf made up a pamphlet on the historic building and a photo-

copy of a map of the original site, when it was Mansfield's Old Gardens, that she could have ready for such visitors.

Wolf and parking office clerk Joan Wheat, cleaner Stratula Tsonis, parking attendant Debbie Fengler and lipid research officer Doreen Jones are a few of the 100 or so faculty and staff in the building who love Number One and take great pride in their building.

A Canvasser on the move

Debbie Fengler's job keeps her on the move. One week she's stationary in a parking booth. The next she's patrolling one of U of T's 19 parking areas.

Fengler's been doing the job for the past five years. She enjoys the work. The booths are heated in the winter and she likes being outside on foot patrol. Area three, King's College Circle, is her favorite because of the presence of University College.

Fengler also likes the varied responsibilities of her work. Parking attendants have police constable status which gives them the authority to give City of Toronto parking tickets and go to court.

She doesn't expect any difficulty finding the 13 parking attendants in order to canvass them.

"There is an overlap in our shifts,"

Parking attendant Debbie Fengler and her beloved UC.

she says, "and we all carry radios, so communication is not a problem."

When Joan Wheat, the building coordinator of One Spadina Crescent, approached Fengler to canvass the

parking attendants, the woman in uniform didn't hesitate.

"I like it here. I like the atmosphere," she says, looking toward UC from the College Street booth.



The five of them, plus ophthalmology technician Diane Wiltshire and chemical engineering researcher Eduardo Gandolfi, under Wheat's guidance, will be canvassing this building of many important firsts: Canada's first eye bank (established in 1955), and one of the largest in North America, the first Knox College, built in 1874, and the place where penicillin was first produced commercially when Connaught Laboratories occupied the building during the Second World War.

It's also a building of "leftovers," says Jones. There's a bit of forestry, psychology, botany, chemical engineering and one math professor; some of medicine: the Eye Bank of Canada, Lipid Research and the Immunochemistry Project, as well as the

parking office and the offices of *The Newspaper*.

Tsonis, "whose floors are the pride of the University," says Wheat, has been with the University for 19 years, three of which have been spent at Number One.

"This is my home away from home," she says.

Wheat has been at the University the entire 28 years she has been in Canada, except for one year she took off to have her son, now a U of T graduate in mechanical engineering.

She agreed to be building coordinator because she believes we can no longer look to government to do everything.

"It's all part of my feeling of the importance of taking individual responsibility for things."

From shooting gallery to art gallery:

Hart House has it all

Hart House is one of those never-ending buildings. From the firing range of the revolver club in the sub-basement, to the vaulted ceiling of the Gallery Club restaurant, from the bottom of the pool to the height of the



Hart House canvassers Clive Williams, Diane Michaud, Lamarita Galicia and Rosemary Bolitho.

clock tower, there are over 100 rooms, in which 200 people work, 130 part-time, 70 full-time. And all of them have to be found and canvassed in the Faculty/Staff Campaign. Rosemary Bolitho, a 29-year veteran — "as of January 4" — of the House's hallowed halls, is well suited to do the job.

Bolitho is the building coordinator of Hart House. She's one of the longest-serving staff-members of the 70-year-old building. "Though Sam Babej, one of the cooks, has been here for 36 years," she says.

Now head of foodservices, Bolitho began at Hart House as a jill-of-all-trades in food services. One of her jobs was liaising with the now-defunct Devonshire House pub, Cheeks, held in the Arbour Room, where she gained the title: "den mother."

"I feel a bit like the den mother of Hart House," says Bolitho. Bolitho had no trouble finding canvassers. Sandy Henderson, director of recreational athletics, will be canvassing the north wing; Diane Michaud, sec-

retary to the assistant warden, will look after the offices; night manager Clive Williams will canvass the cleaners and hall porters; and Bolitho herself, with Lamarita Galicia, known to most as Marlene, will canvass the kitchen staff.

Galicia, supervisor of the Great Hall, agreed to take on the job as a way of thanking the University. She began at Hart House food services as a part-time waitress 14 years ago, shortly after arriving from the Philip-

pines. Now one of her four children is studying at the University and Galicia hopes the younger two will take advantage of the free tuition offered to the children of faculty and staff.

"For me, the University has been a great help. I have children and it helps me educate them. This time I can help out."

BREAKTHROUGH
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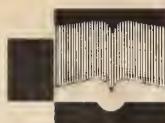
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Books

The following are books by University of Toronto staff. Where there is multiple authorship or editorship, U of T staff are indicated by an asterisk.

January

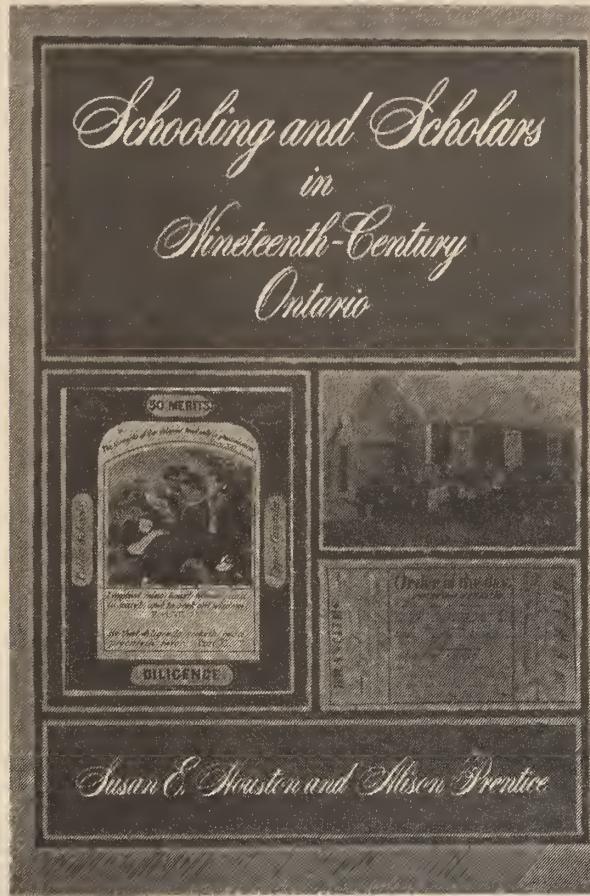
Negotiating Control: A Study of News Sources, by Richard V. Ericson*, Patricia M. Baranek* and Janet B.L. Chan (University of Toronto Press; 428 pages; \$45 cloth, \$18.95 paper). Following *Visualizing Deviance: A Study of News Organizations*, this volume explores the role of sources involved in law and criminal justice, and in private corporation and citizens' interest groups.

December

Schooling and Scholars in Nineteenth-Century Ontario, by Susan E. Houston and Alison Prentice* (University of Toronto Press; 418 pages; \$40 cloth, \$19.95 paper). A study of education in Ontario from the establishment of Upper Canada to the end of Egerton Ryerson's career as chief superintendent of schools in 1876.

Canadian Economic History, by T.W. Easterbrook* and Hugh Aitken (University of Toronto Press; 606 pages; \$18.95). Through three centuries of development, the history of the Canadian economy reflects the shifting roles of natural resources, industrialization and international trade. This volume presents a comprehensive account of these and other factors in the growth of the Canadian economy from the time of the earliest European expansion into the Americas.

Thought and Experience, by Peter H. Hess (University of Toronto Press; 191 pages; \$25). This book explores the difference between the cognitive and non-cognitive manifestations of consciousness. It shows how this distinction affects a wide range of questions in epistemology and the philosophy of the mind.



Art History: Its Use and Abuse, by W. McAllister Johnson (University of Toronto Press; 374 pages; \$40). In a discipline subject to ad hoc or opportunistic research, where differences between descriptive, comparative and intellectual analyses are increasingly blurred, the essays in this book represent an effort to address the intellectual bases of art history in relation to everyday work.

Journals and Debating Speeches: The Collected Works of John Stuart Mill, edited by John M. Robson (Volumes XXVI-XXVII, University of Toronto Press; 760 pages; \$135 2 vol. set). The early flowering of Mill's genius is seen in detail in the debating speeches and walking-tour journals dating from the time he was 18 to 24. This was the period when he first adopted Benthamism as a "religion," worked intensively as a propagandist for the faith and began the painful reassessment that led to his independent mature thought and action.

Public and Parliamentary Speeches: The Collected Works of John Stuart Mill, edited with textual introduction by John M. Robson* and historical introduction by Bruce L. Kinzer (Volumes XXVIII-XXIX, University of Toronto Press; 687 pages; \$135 2 vol. set). These volumes allow for an examination of Mill's total public performance in the political arena from 1865 through 1868: campaign speeches; parliamentary set pieces on suffrage (women's and otherwise), personal representation, electoral corruption, Ireland, Jamaica, extradition, metropolitan government and much else; motions and amendment; intervention and rebuttals; and extra-parliamentary speeches.

Catching up

The Collected Letters of Thomas Hardy, edited by Richard L. Purdy and Michael Millgate* (Clarendon Press; 304 pages; \$88.50). Volume Seven (1926-1927) with addenda, corrigenda and general index, is the final volume in this comprehensive edition of Hardy's private correspondence.

Developing Theories of Mind, edited by *Janet Astington, Paul L. Harris and *David R. Olson (Cambridge University Press; 447 pages; approx. \$27.50). A collection of empirical reports and concep-

tual analyses, this book examines a fundamental change that occurs in children's cognition between the ages of two and six.

Clinical Assessment of Malingering and Deception, edited by Richard Rogers (Guilford Press; 370 pages; \$54). Devoted entirely to malingering and deception in a psychiatric context, the contributions to this volume provide a review of the literature, present relevant guidelines and describe a broad range of clinical models available for identifying malingering patients.

Electroconvulsive Therapy: The Myths and the Realities, by Norman S. Endler and *Emmanuel Persad (Hans Huber Publishers; 173 pages; \$30). This volume traces the development of electroconvulsive therapy and explores the issues surrounding it. An extended bibliography is provided.

Clinical Handbook of Psychotropic Drugs, Kalyna Z. Bezchlibnyk-Butler, principal editor and J. Joel Jeffries, co-editor (Hans Huber Publishers; 60 pages; \$25). A practical reference for mental health professionals working with patients who are receiving psychotropic medication. A bibliography and glossary are included.

HR News & Views

A monthly column from Human Resources

Snow Advisories

When you wake up to find heavy snow — and you wonder if the University has been closed — listen to the radio.

Please don't call Simcoe Hall or the Human Resources Department. The decision to close the University is communicated to local stations overnight or as soon as possible on the same day. Separate decisions are made for the St. George campus, Erindale College, Scarborough College, the Institute for Aerospace Studies (Downsview), the David Dunlap Observatory and U of T Press (Downsview).

If there is heavy snow during working hours, the decision to close the University is made by the vice-president (human resources) in consultation with the provost. The decision is conveyed to the heads of the various faculties, schools, colleges and other departments, who then inform staff members.

Changing Benefits

University staff members are entitled to change their benefits within 60 days of changes in marital or dependent status. These changes may involve marriage, divorce or separation, as well as common-law relationships and the arrival of a baby or stepchild to your family.

The benefits that can be adjusted or added include group life and long-term disability insurance. Depending on personal circumstances, staff may also obtain benefits they had previously rejected.

For more information contact benefits administration at human resources, 215 Huron St., 978-2088.

Confirmation of Employment

To apply for a mortgage or sponsor relatives arriving from abroad, individuals require a letter confirming their employment. To obtain such a letter, staff must sign an authorization for the release of the appropriate information. They are available at the main reception desk, 215 Huron St., 8th floor. Once it receives authorization human resources sends the letter to the employee who has requested it.

Upcoming Courses

The Staff Planning & Development Office offers a variety of training and career-development courses designed for University staff. Among those scheduled for the coming weeks:

Managing Work Performance Problems — For managers and supervisors. The focus is on communicating job-related problems to employees, documenting those problems, as well as legal and policy issues. Wednesday, Feb. 8, 9.30 a.m. to 4.30 p.m.

Job Classification and Salary Management — Salary administration. Other topics include departmental reorganizations, promotions, transfers, merit pay increases and job descriptions. Wednesday, March 8, 1.30 to 4.30 p.m.

Both courses will be held at 215 Huron Street, in the 8th floor conference room. The fee — \$50 per person for each course — will be charged to the participants' departments. For complete information on these and other courses, call 978-6496.

Career Opportunity

Manager, Alumni Affairs and Development
(\$35,246 — \$41,466 — \$47,686)
Faculty of Management

The incumbent will develop and implement strategy for fund raising and maintaining alumni loyalty. University education in management or related fields required. Qualifications and skills include several years of experience dealing with senior business officials, strategic planning and organizational abilities, tact and maturity, superior communication and interpersonal skills.

Submit résumé to: Janis Campbell, Personnel Officer, Human Resources Department, 215 Huron St., 8th floor. Applications will be accepted until a suitable candidate has been selected.

For a complete list of career opportunities, check your staff bulletin boards or the lists posted at the Human Resources Department.



PART - TIME POSITIONS AVAILABLE DONS AT TRINITY COLLEGE

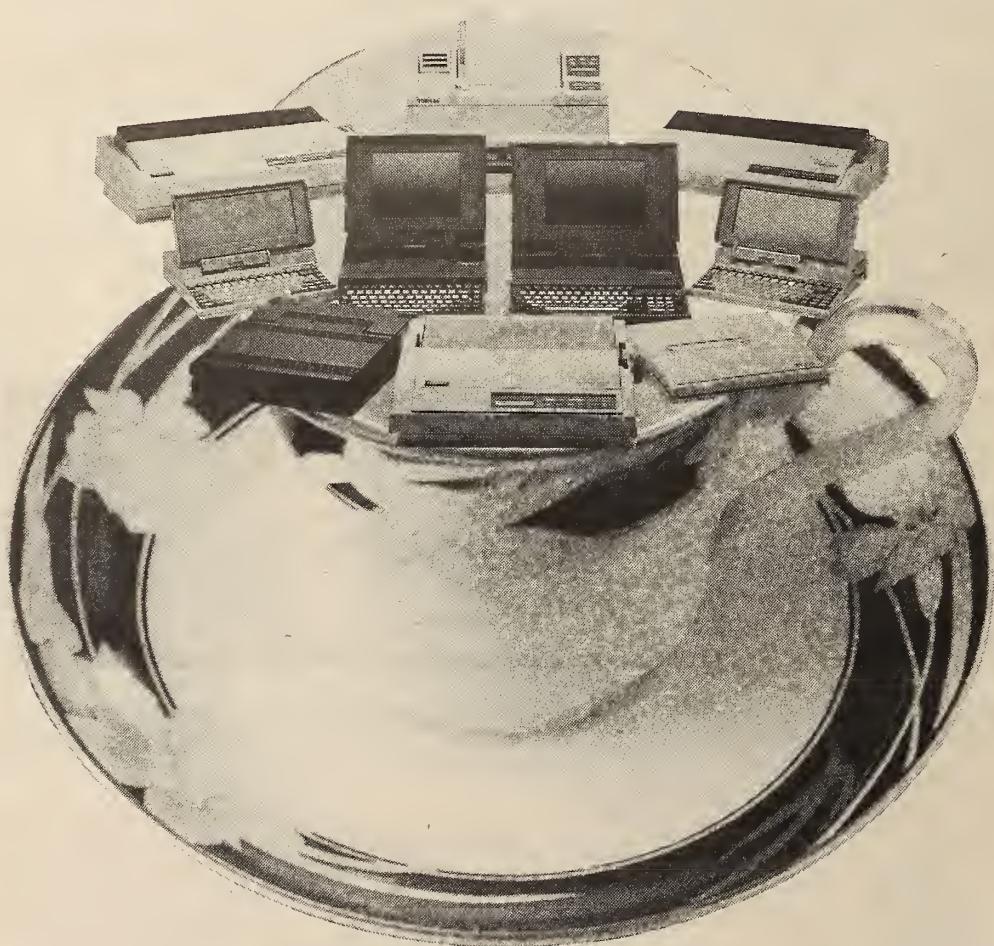
Six academic dons (Computer Science, English, French (2), Natural Science and Social Science) required for 1989-1990. Enquiries to the Dean of Arts, Trinity College, 6 Hoskin Avenue, Toronto, Ontario M5S 1H8 (978-8454). These positions are open to members of either sex.

Three residence dons for women's residence required for 1989-1990. Enquiries to the Dean of St. Hilda's College, 44 Devonshire Place, Toronto, Ontario M5S 2E2 (978-2254).

Applicants should be enrolled in a graduate or a professional programme or pursuing post-doctoral studies.

Applications must be submitted by March 1, 1989.

You're Invited to the World's First Portable Tparty



Come join Crowntek Business Centres, January 25-26 at Sydney Smith Hall (100 St. George St.) for University of Toronto's "Mad Tparty". Yes. You heard right. The St. George Campus is having a Tparty—as in T1000, T1200, T1600, T3100e, T3200, T5100, and T5200—Toshiba's family of portable computers.

We'll be showcasing these high performance portable microcomputers with Toshiba's family of portable printers—P301, P311, P321SL, P341SL, P351SX, and the PL12-LASER.

If you come to our party you can take your T any way you like it. For example the T1000 is Toshiba's lightest and most affordable computer which provides full function desktop PC power in a portable 6.4 pound package. Combine it with the P301 battery powered portable printer, which weighs just 4.2 pounds and produces letter quality

documents, you'll own one of the most productive "Campus Combos" in existence today. At a suggested Education Price of just under \$1500.00.

But does power corrupt? Absolutely! And if you're corruptible, you might try what we call the "Portable Powerhouse"—the T5200 portable computer combined with the P351SX portable printer.

The Toshiba T5200 portable is high performance 20 mHZ, 80386-based computer equipped with the memory, power and functions for high end applications such as UNIX and CAD/CAM.

The Toshiba P351SX prints at 360 cps high speed, 120 cps letter quality, and features 360 X 360 dpi, LCD controls, and full emulation. The P351SX also boasts 7 colour print capability with an optional colour upgrade kit. And all for a suggested Education Price of just over \$10,000.00

It's all part of the Toshiba Educational Partnership Program—TEPP.

TEPP makes portability more affordable with a special education program designed to foster the use of Toshiba's family of portable computers and printers within Canada's educational community.

Crowntek Business Centres, a leading distributor of Toshiba products, is the fastest growing microcomputer product supplier in Canada, and stands unsurpassed in support, service, inventory and delivery. We're proud to host this special campus promotion and we hope you make Crowntek YOUR dealer of choice for TEPP.

For more Information Contact: Blair Marsden
238-0863

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Events

Lectures

If the Cold War Is Over, Why Isn't It Ended?
Tuesday, January 24
 Richard J. Barnet, Institute for Policy Studies, Washington, DC; University College Lecture in Peace Studies. 179 University College. 8 p.m. (UC and Science for Peace)

Depression and Alzheimer's Disease.
Wednesday, January 25
 Prof. Burton Reifler, Wake Forest University, North Carolina. Main auditorium, Clarke Institute of Psychiatry. 12 noon. (Psychiatry)

Samaritan Lexicography: The Problem of a Multilingual Heritage.
Wednesday, January 25
 Prof. Abraham Tal, University of Tel Aviv. Room 323, Department of Near Eastern Studies, 4 Bancroft St. 3:30 p.m. (Near Eastern Studies and Schwartz Lecture Committee)

George Bush and the Reagan Legacy in Foreign Policy.
Wednesday, January 25
 Richard J. Barnet, Institute for Policy Studies, Washington, DC; American Studies Committee lecture series. Council Chamber, Alumni Hall, St. Michael's College, 121 St. Joseph St. 4 p.m. (Political Science)

Canadian Politics: The Good, the Bad and the Ugly.
Thursday, January 26
 Allan Fotheringham, *Maclean's* magazine; Contemporary Issues lecture series. Wetmore Hall, New College. 8 p.m. (New)

Echo-Location in Moths and Bats: Lessons in Staying Alive.
Sunday, January 29
 Prof. Jim Fullard, zoology, Erindale College. Auditorium, Medical Sciences Building. 3 p.m. (Royal Canadian Institute)

Ontario's Tritium Glut and the Pentagon's Tritium Panic.
Tuesday, January 31
 Norman Rubin, Energy Probe. 179 University College. 8 p.m. (Science for Peace)

Mytilene (Lesbos): Survey and Excavation 1983-1988.
Wednesday, February 1
 Prof. Caroline Williams, University of British Columbia. Lecture room, McLaughlin Planetarium. 5:15 p.m. (Archaeological Institute of America, Toronto Society)

Jewish Humour.
Wednesday, February 1
 Prof. Dov Noy, Hebrew University of Jerusalem; Joseph

and Gertie Schwartz memorial lecture. 205 Claude T. Bissell Building. 8 p.m. (Jewish Studies)

Fusion Energy: Prospects for Canada.
Sunday, February 5
 Donald Dautovich, Canadian Fusion Fuels Technology Project. Auditorium, Medical Sciences Building. 3 p.m. (Royal Canadian Institute)

and Gertie Schwartz memorial lecture. 205 Claude T. Bissell Building. 8 p.m. (Jewish Studies)

Approaches to Anti-Racist Education: Reflections from Two Feminists.
Monday, February 6

Prof. Roxana Ng, OISE and Prof. Mariana Valverde, Trent University; Popular Feminism lecture and discussion series. Room 2-212/2-213, Ontario Institute for Studies in Education, 252 Bloor St. W. 8 p.m. (Centre for Women's Studies in Education, OISE)

Scattering and Resonant Absorption of Infrared Radiation by Molecular Clusters.
Tuesday, January 24

Prof. T.E. Gough, University of Waterloo. 134 McLennan Physical Laboratories. 4 p.m. (Ontario Laser & Lightwave Research Centre)

Reflections on the Multi-communal Context of Indian Nationalism in Uttar

Pradesh.
Thursday, January 26
 Prof. Karen Ray, Marianopolis College, Montreal and Prof. John Hill, Concordia University. 2090A Sidney Smith Hall. 4 p.m. (South Asian Studies)

Current Trends in Czech Literature.
Friday, January 27
 Eda Kriseova, author and journalist, Prague. Adams Room, St. Hilda's College. 12 noon to 2 p.m. (Russian & East European Studies)

Ethics and Nuclear Safety.

Saturday, January 28
 Fergal Nolan, Canadian Institute for Radiation Safety; Saturday seminar series. Brennan Assembly Hall, University of St. Michael's College, 81 St. Mary St. 9 a.m. to 2:30 p.m. Fee \$75, students and seniors \$50. *Information and registration: 926-7254 or 926-1300, ext. 3324. (USMC)*

Ion Traps, Single Atomic Particles and Quantum Jumps.

Tuesday, January 31
 Alan A. Madej, National Research Council of Canada. 134 McLennan Physical Laboratories. 4 p.m. (Ontario Laser & Lightwave Research Centre)

Restricted Accessibility of Impatient Customers in an M/G/1 Queue.

Wednesday, February 1
 Prof. David Perry, Haifa University; visiting University of Waterloo. 211 Rosebrugh Building. 3 p.m. (Industrial Engineering)

Sex Differentiation in the Midrash.

Thursday, February 2
 Prof. Dov Noy, Hebrew University of Jerusalem. 240 University College. 2 p.m. (Jewish Studies and Joseph and Gertie Schwartz Memorial Lectures)

Polyspermy Block Mechanisms in Amphibian Fertilization.

Friday, February 3
 Prof. Yasuhiro Iwao, Yamaguchi University, Japan. 430 Ramsay Wright Zoological Laboratories. 12 noon. (Zoology)

The Time-Scale of Coevolution in Plant Pathogen Interactions.

Friday, February 3
 Prof. Matthew A. Parker, State University of New York, Binghamton. 7 Botany Building. 3:30 p.m. (Botany)

One of 50 colour photographs by Francis Sparshott from the exhibition "News of a Wet World" at Victoria College to February 3. See Exhibitions.

Colloquia

Meetings & Conferences

Committee on Academic Policy & Programs.
Wednesday, January 25
 Council Chamber, Simcoe Hall. 4 p.m.

Constantine the Great



Biblical Language and Bible Translation.

Thursday, January 26
 A symposium. The Process of Translation, Prof. Henri Schogt, Department of French; The Septuagint, Prof. J.W. Wevers, Department of Near Eastern Studies; The Palestinian Targumim, Prof. E.G. Clarke, Department of Near Eastern Studies; Mediaeval Hebrew Translations of the New Testament, Prof. L.R. Garshowitz, Department of Near Eastern Studies; Translating the Hebrew Bible into English, Prof. Al Wolters, Redeemer College, Hamilton. Response by Prof. Abraham Tal, University of Tel Aviv. 3 Northrop Frye Hall, Victoria College. 2 to 6 p.m. (Near Eastern Studies, U of T Challenge Fund and Schwartz Lecture Committee)

From Rome to Byzantium: The Age of Constantine the Great.

Saturday, February 4
 A one-day symposium. Constantine and the City, Caroline Williams, former director, Canadian Archaeological

Ultra-High Energy Accelerators.

Thursday, January 26
 Prof. David Bailey, Department of Physics. 102 McLennan Physical Laboratories. 4:10 p.m. (Physics)

Photochemical Benzylidene Cleavage.

Friday, January 27
 Prof. J.A. Pincock, Dalhousie University. 158 Lash Miller

Institute at Athens; The Establishment of Christianity, Prof. Timothy Barnes, Department of Classics; Pagans and Christians in the Age of Constantine, Prof. Jocelyn Hillgarth, Pontifical Institute of Mediaeval Studies; A New Artistic Language, Prof. Sheila Campbell, Pontifical Institute of Mediaeval Studies; Roman Rationalism and Pagan Faiths, Monsignor Edward Synan, Pontifical Institute of Mediaeval Studies.

A Peculiar People, film, an overview of Christianity before Constantine.

Council Chamber, Alumni Hall, St. Michael's College, 121 St. Joseph St. 9 a.m. to 6 p.m. Fee \$75. (SCS and Medieval Studies)

Plays

Red Roses for Me.

To January 28
 By Sean O'Casey, directed by Marrie Mumford. UC Playhouse, 79A St. George St. 8 p.m. Tickets \$6, students and seniors \$3. *Reservations: 978-6307.*

Virginia.

Wednesdays to Sundays, February 1 to February 12
 By Edna O'Brien, directed by Paula Sperdakos. Preview Jan. 31. Graduate Centre for Study of Drama production, 1988-89 season. Robert Gill Theatre, Koffler Student Services Centre. Performances at 8 p.m. except Sunday, 2 p.m. Tickets \$6, students and seniors \$4; preview \$3. *Reservations: Monday to Friday, 11 a.m. to 5 p.m., 978-7986.*

Chemical Laboratories. 3:30 p.m. (Chemistry)

From Chaos to Turbulence in Thermal Convection.

Thursday, February 2
 Prof. Albert Libchaber, University of Chicago. 102 McLennan Physical Laboratories. 4:10 p.m. (Physics)

Galen in the Renaissance: The Medium is the Message.

Thursday, February 2
 Prof. Paul Potter, University of Western Ontario. 323 Victoria College. 4:10 p.m. (IHPST)

Consciousness, Attention and Will.

Monday, February 6
 Prof. Juan Pasqual-Leone, York University; OISE Centre for Applied Cognitive Science colloquium series. Room 3-312, Ontario Institute for Studies in Education, 252 Bloor St. W. 12 noon. (Centre for Applied Cognitive Science, OISE)

Events deadlines

Please note that information for Events listings must be received in writing at the *Bulletin* offices, 45 Willcocks St., by the following times:

Issue of February 6, for events taking place Feb. 6 to 27.

Monday, January 23

Issue of February 27, for events taking place Feb. 27 to March 13:

Monday, February 13

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Events

Exhibitions

JUSTINA M. BARNICKE GALLERY, HART HOUSE

To January 28

Of Sleep and Water.
Lorène Bourgeois, large-scale monotypes. East Gallery.

Edward Pien.
Figurative sculpture. West Gallery.

February 2 to March 2

David Birnie.
Paintings and drawings. East Gallery.

So To Speak.
April Hickox, photo etchings. Gallery Hours: Monday, 11 a.m. to 6 p.m.; Tuesday to Thursday, 11 a.m. to 8 p.m.; Friday, 11 a.m. to 6 p.m.; Saturday and Sunday, 1 to 4 p.m.

ROBARTS LIBRARY

Azores: The Unknown Islands.

To January 31

Photographs, artifacts and crafts; sponsored by Department of Spanish & Portuguese. Main Display Area. Hours: Monday to Friday, 8:30 a.m. to 12 midnight; Saturday, 9 a.m. to 10 p.m.; Sunday, 1 to 10 p.m.

VICTORIA COLLEGE

News of a Wet World.

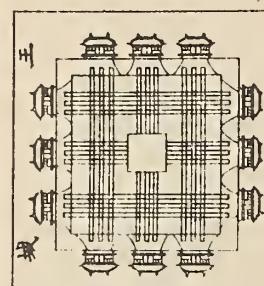
To February 3

Fifty colour photographs by Prof. Francis Sparshott. First floor, Northrop Frye Hall. Hours: Monday to Thursday, 9 a.m. to 9 p.m.; Friday, 9 a.m. to 6 p.m.

SCHOOL OF ARCHITECTURE & LANDSCAPE ARCHITECTURE

Six Ancient Capitals of China.

To February 9
Co-sponsored by The Cana-



dian Society for Asian Arts, The Asian Pacific Foundation of Canada and The Chinese Cultural Centre.

Study Abroad 1988

February 6 to February 17
Work of students from the U of T study abroad programs in Paris, Florence and Cortona. The Galleries, 230 College St. Gallery hours: Monday to Friday, 9 a.m. to 5 p.m.

FACULTY OF MUSIC EDWARD JOHNSON BUILDING

Thursday Noon Series. Thursday, January 26

Recital featuring student chamber ensembles. Walter Hall. 12.10 p.m.

Electro-Acoustic Music.

Sunday, February 5

Gustav Ciamaga and Dennis Patrick with guest composers John Duesenberry and Otto Joachim. Walter Hall. 2 p.m.

Tickets \$4.

Information on all events in the Edward Johnson Building available from the box office, 978-8744.

ROYAL CONSERVATORY OF MUSIC

Young Artist Series.

Thursday, January 26
Performed by students in the Performance Diploma and Artist Diploma Programs.

Thursday, February 2

Bronson Kwan, violin. Concert Hall. 5.15 p.m.

Royal Conservatory Orchestra.

Thursday, January 27

John Barnum, conductor. Church of the Redeemer, Bloor St. at Avenue Rd. 8 p.m.

Tickets \$9, students and seniors \$6. RCM box office 978-5470.

Noon Hour Series.

Wednesday, February 1

Dagmar Rydlo and Dale Innes, two pianos. Concert Hall. 12.15 p.m.

Music

Evening Concert Series.

Friday, February 3

Gloria Saarinen, piano and Lister Sinclair, narrator. Concert Hall. 8 p.m. Tickets \$9, students and seniors \$6. RCM box office 978-5470.

Dalcroze Eurhythmics Weekend Workshop.

Saturday, February 4 and Sunday, February 5

With Robert Abramson; in cooperation with Dalcroze

Society of Canada. 0119 Edward Johnson Building. Session 1: Saturday, Feb. 4, 9 a.m. to 12 noon.

Session 2: Sunday, Feb. 5, 10 a.m. to 1 p.m.

Session 3: Sunday, Feb. 5, 2 to 5 p.m.

Fee \$50, \$20 single session.

Information and registration: 978-3756 or 1-352-2515.

Information on all conservatory concerts available

from the publicity office, 978-5771.

SCARBOROUGH COLLEGE

Sunday Serenade.

Sunday, February 5
Julian Milkis, clarinet with guest Susan Hoeppli, flute; third in series of Sunday afternoon concerts. Meeting Place. 3 p.m. Information: 284-3243.

Miscellany

Institute of Medical Science Annual Scientific Day.

Thursday, January 26

Debates Room, Hart House. Keynote address: Fraud in Medical Science. Dr. F.H. Lowry, Institute of Medical Science. 11.25 a.m.

Health Science Initiatives. Dr. F.H. Lowry, Institute of Medical Science; Dr. Bernard Langer, Department of Surgery; Prof. Dorothy

Pringle, Faculty of Nursing; and Dean John Dirks, Faculty of Medicine. 2.50 to 3.40 p.m.

Institute of Medical Science lecture: The Fall and Rise of Clinical Research. Dr. David Sackett, McMaster University. 4.15 p.m.

After dinner address: Afterthoughts of the Discovery of Insulin. Prof. Michael Bliss, Department of History.

Safeguard Actions under the GATT.

Wednesday, February 1
Prof. Alan Sykes, University of Chicago Law School; law and economics workshop series. Solarium, Falconer Hall, Faculty of Law. 12 noon to 1.45 p.m. Fee \$3.

Information and registration: Joyce Williams, 978-6767. (Law)

PhD Orals

Graduate faculty please call the PhD oral examination office at 978-5258 for information regarding time and location for these listings.

Tuesday, January 24

Mary Kathleen Bryson, Department of Education, "Computer-Supported Composition: Fostering Reflectivity in the Processes and the Products of Reading Disabled and Normally Achieving Adolescent Student-Writers." Prof. M. Scardamalia.

Wednesday, January 25

Petra Chevrier, Department of Chemistry, "Chemiluminescence of Atomic Sodium and Laser-Induced Fluorescence of Alkali Halide (NaI and KI)." Prof. J.C. Polanyi.

Thursday, January 26

Michael Theodore Arts, Department of Zoology, "Biotic Factors Affecting Abundance, Body Size and Maternal Lipid Investment of Holopedium Gibberum Zaddach in Oligotrophic Lakes on the Canadian Shield." Prof. W.G. Sprules.

Robert Stuart Martin Finley, Department of English, "Difficult Language in the Poetry of W.S. Merwin." Prof. J.E. Chamberlin.

James Frederick Major, Department of Metallurgy & Materials Science, "A Study at Ultra-Low Growth Rates of the Effects of Chemical Additions on the Solid/Liquid Interface of the A1/Si Eutectic." Prof. J.W. Rutter.

Barnard Panneton, Department of Aerospace Science & Engineering, "Ground Deposition of Liquid Droplets Released from a Point Source in the Atmospheric Surface Layer." Prof. B. Etkin.

Xin Xu, Department of Pharmacy, "Drug and Metabolite Processing in First-Pass Organs: The Intestine and Liver." Prof. K.S. Pang.

Friday, January 27
Safak Dilaver Arguner, Department of Chemical Engineering & Applied Chemistry, "Investigation of

Radiation Effects and Other Considerations of the Hydride-Safety Concept in Low Temperature Reactors." Prof. J.S. Hewitt.

Anna Dorothy Kirkwood, Centre for Medieval Studies, "The *Tractatus Marolis Super Quatuor Elementa* of Walter of Wimborne: An Edition of Selected Portions." Prof. A.G. Rigg.

John Gilmour Ewen McEwen, Department of Chemistry, "Photohydrations of Styrenes and Phenylacetylenes: Linear Free Energy Relationships." Prof. K. Yates.

Alison Dale Munson, Faculty of Forestry, "Site-Specific Growth and Nutrition of Planted *Picea mariana* in the Ontario Clay Belt." Prof. V. Timmer.

Marina Neulander, Department of Germanic Languages & Literatures, "Eldern-Kind Konflikt in der DDR Prosa der 70er Jahre." Prof. H. Wetzel.

Gordon Ernest Smith, Faculty of Music, "Ernest Gagnon (1884-1915): Musician and Pioneer Folksong Scholar." Prof. C. Morey.

John Whitney Steele, Department of Education, "Patterns of Change in the Personality Structure of Adolescent Offenders in Residential Treatment: The Impact of Social History Variables." Prof. O. Weininger.

Joseph Paul Tabbi, Department of English, "The Psychology of Machines: Technology and Personal Identity in the Work of Norman Mailer and Thomas Pynchon." Prof. T.H. Adamowski.

Monday, January 30
Hoi-Man Chan, Department of Sociology, "Theory and Society in the People's Republic of China: Outline of a Perspective on Chinese Socialism." Prof. H.K. Nishio.

Trevor Norman Hart, Department of Physics, "Viscoelastic Models of Morphogenesis." Prof. L.E.H. Trainor.

Sidney Robert Keith, Department of Political Science, "Herodotus: The First Political Scientist." Prof. C. Orwin.

Charles William Ramcharan, Department of Zoology, "Behavioural Prey Defence in *Diaptomus spp.* (Crustacea: Calanoida) and its Ecological Implications." Prof. W.G. Sprules.

Douglas Bruce Garrison Williams, Faculty of Pharmacy, "T-Cell Calcium Responses Following Signal Transduction via the T-Cell Antigen Receptor." Prof. M.H. Klein.

Tuesday, January 31
Frank Blane Little, Department of Physics, "Topics in Galactic Dynamics." Prof. S.D. Tremaine.

David T. Matthias, Department of English, "The Doctrine of Sympathy in the Early Works of Coleridge and Wordsworth." Prof. H.J. Jackson.

Thursday, February 2
Aloysius Aki, Department of Education, "Aims in Education." Prof. I. Winchester.

Patricia Jean Appovoo, Department of Political Science, "The Small State as Donor: Canadian and Swedish Development Assistance Policies, 1960-1976." Prof. R. Matthews.

Tuesday, February 7
Penelope Margaret A. Brasher, Department of Community Health, "Partial Residuals for the Cox Proportional Hazards Model." Prof. R. Tibshirani.

Wednesday, February 8
John Octavius Goyo, Department of Mathematics & Applied Mathematics, "The Sullivan Model of the Homotopy-Fixed-Point Set." Prof. J.S. Halperin.

Nico Meijer, Department of Electrical Engineering, "Parametrization and Identification of State Affine Systems." Prof. R.H. Kwong.

University of Toronto Computing Services

NONCREDIT MICROCOMPUTER COURSES

Microcomputer Concepts (IBM)

dBASE III Plus for Beginners

Introduction to DOS

Introduction to Desktop Publishing

Introduction to PageMaker

Excel on the Macintosh

Introduction to Lotus 1-2-3

Introduction to HyperCard

Introduction to SAS on the PC

Intermediate SAS Applications on the PC

Microsoft Word on the PC

Microsoft Word on the Macintosh

Introduction to WordPerfect 4.2

Advanced 4.2 WordPerfect Topics

WordPerfect 5.0 for Beginners

Advanced 5.0 WordPerfect Topics

All courses are hands-on and are taught in our fully-equipped micro facilities.

WordPerfect 4.2 Course To Be Phased Out!!

With the release of WordPerfect Version 5.0, support for the older Version 4.2 will be diminishing. Beginning in January, we will be reducing the number of WordPerfect 4.2 courses offered, and emphasis will be on Version 5.0. If you need to attend the Version 4.2 WordPerfect course, please call me to ensure a spot in the course.

For additional information regarding these courses and registration, please contact:

Irene Roslecki at 978-4565

Research Notices

For further information and application forms for the following agencies, please contact ORA at 978-2163.

Canadian Liver Foundation
Studentships are offered for full-time studies towards a master's or doctoral degree in a medically related discipline. Candidates must be sponsored by a faculty supervisor. Awards are for one year and may be renewed. Stipends will be equivalent to the current MRC studentship rate.

Supervisors and students are reminded that the usual University regulations and signature requirements apply. Deadline is February 15.

Health & Welfare Canada NHRDP
A special initiative has been announced for the establishment of a network of regional centres for the evaluation of new drugs for AIDS and HIV infection. Funds will be awarded to supplement the current resources of existing major centres and to establish a basic capacity at small centres.

Submissions should be in letter form, signed by all major partners including the usual University signature requirements, and accompanied by a brief describing the proposed regional infrastructure.

Further details on the application procedure and format may be obtained from ORA and the research office of the Faculty of Medicine. Deadline is February 27.

Health Protection Branch
Comments are solicited regarding proposed regulatory initiatives to control the importation of human pathogens. Pathogens can be categorized as animal, (those which cause disease in animals only), human (those which cause disease in humans only) and zoonoses (those which may affect both humans and animals, for example, rabies).

Further details on the proposed regulations and the specific contents of the submission may be obtained from either the research office of the Faculty of Medicine or ORA. Comments are to be received in Ottawa by March.

Kidney Foundation of Canada

Summer studentships for 1989 are offered to medical or science students for projects related to the kidney and/or urinary tract. Supervisors and students are reminded that the usual University regulations and signature requirements apply. Further details and application forms are available. Deadline for submissions is February 15.

Natural Sciences & Engineering Research Council

Japanese science and technology agency fellowships are offered for research at Japan's national laboratories, public corporations and non-profit organizations, but are not tenable in universities or industrial laboratories. Eligible candidates are post-doctoral fellows, doctoral candidates (all requirements for degree must be completed by March 31) or faculty members in sciences, engineering and health sciences.

Applications are available at ORA. Deadline is March 31.

Ontario Ministry of Transportation & Communication

Submissions are invited for the following projects to be funded under contract for the government fiscal year 1989-90.
85100 Characteristics of backfill behind soil-steel stress
89001 Calcium lignosulphonate and aircraft components
89002 Dust control and aid to compaction for recycled HM
89004 Mechanistic overlay design improvement
89009 Vegetation management practices
89014 Drainage design effects on stormwater quality
89015 Analysis of costs for pavement rehab. strategies
89017 Visco-elastic asphalt conc. parameters and rutting
89018 Sealing compound for wide pavement cracks
89022 Advertising signs placed on the highway ROW
89023 Selection of font for changeable message signs
89024 Comprehension of information on changeable message signs

89030 Economic impact of congestion management strategies
89033 Legibility of traffic signs versus vision screening
89038 Computer model — probability of snowdrifting
89039 Mechanical support system for temporary snowfence
89045 Growth of urban travel versus investment decisions

Detailed requirements for each of the listed projects and MTC proposal guidelines are available from ORA. Deadline for receipt of proposals at the ministry is February 15.

Rick Hansen Man in Motion Legacy Fund

Support is offered for research awards, fellowships and studentships in spinal cord injury research directed towards recovery and regeneration of the spinal cord and rehabilitation and prevention research.

Awards are for a maximum of \$60,000 per year for grants, \$26,000 for fellowships and \$13,000 for studentships. Detailed information and application forms are available from ORA. Deadline for all programs is February 15.

Upcoming deadline dates

Alcoholic Beverage Medical Research Council — research grants: February 1.
Amyotrophic Lateral Sclerosis of Canada — research grants: January 31.
Canadian Fitness & Lifestyle Research Institute — measurement of well-being proposals: January 31.
Canadian Foundation for Ileitis & Colitis — research grants: March 1.
Canadian Liver Foundation — studentships: February 15.
Cancer Research Institute Inc. (US) — fellowships: February 1.
Cancer Research Society Inc. (Canada) — fellowships: February 15.
Environment Canada, Canadian Wildlife Service — university research support fund: February 1.
Gerontology Research Council of Ontario — research fellowships (renewals): February 15.
Greenwall Foundation — research grants: February 1.
Health & Welfare Canada — research grants (mental health field only):

February 1; MSc/PhD fellowships: February 15; evaluation of new drugs for AIDS/HIV infection (letter of intent): February 27; AIDS-related re-submissions/ new proposals outside of special competitions: May 15.

Hereditary Disease Foundation — research grants: February 1.

Hospital for Sick Children Foundation — research grants: February 1.

Institute for Chemical Science & Technology — preliminary proposals: January 31.

Kidney Foundation of Canada — paramedical competition: January 31; summer studentships: February 15.

Leukemia Research Fund — research grants and fellowships: February 8.

Ministry of Colleges & Universities — URIF: ministry deadline January

31 (please note signatures must be obtained from ORA prior to ministry deadline).

National Cancer Institute of Canada — Terry Fox research fellowship for physician scientists; research fellowships; Steve Fonyo studentships; research scientists; senior research scientists: February 1.

National Institutes of Health (US) — research grants (new and unsolicited): February 1.

National Multiple Sclerosis Society (US) — research grants: February 1.

NSERC — access to supercomputers program: cancelled;

international scientific exchange awards; international collaborative research grants; bilateral exchange program: March 1;

Japanese science and technology agency fellowships: March 31.

Ontario Lung Association/

Ontario Thoracic Society — research grants: February 1.

Ontario Ministry of the Environment — pesticide advisory committee research grants: February 3.

Ontario Ministry of Natural Resources — renewable resources research grant program: January 31.

Ontario Ministry of Transportation — proposals on highway safety: January 31;

joint transportation research program: February 15.

Rick Hansen Man in Motion Legacy Fund — research grants; fellowships and studentships: February 15.

Sport Canada — applied sport program: February 15.

U of T, Life Sciences Committee of the Research Board — Mitchell scholarship department nominations: January 31;

U of T research grants: February 1.

Payroll changes for 1989

THE FOLLOWING legislated changes will have an impact on 1989 salary payments:

• **Canada Pension Plan** — The annual CPP exemption has increased from \$2,600 in 1988 to \$2,700 in 1989. The maximum annual contributory earnings level from which CPP deductions are withheld has been increased from \$26,500 in 1988 to \$27,700 in 1989. This will result in an increase in maximum annual employee contributions from \$478 in 1988 to \$525 in 1989. The University is required to match this contribution for each employee.

• **Unemployment insurance premiums** — The maximum insurable earnings for unemployment insurance have increased from \$565 weekly in 1988 to \$605

weekly in 1989. However, the maximum annual contribution will decrease from \$690.56 to \$613.60 for employees and from \$861.13 to \$749.20 with respect to University contributions.

• **Income tax credit** — Personal tax credits will be automatically adjusted by the appropriate amounts over 1988 exemptions. The basic personal tax credit has increased from \$6,000 in 1988 to \$6,066 for 1989.

Individuals are asked to review their 1989 tax credit printed on the first pay statement in January. Those wishing to revise their tax credit, please forward a 1989 TD1 to the Payroll Department, 215 Huron St., 978-2151, as soon as possible.



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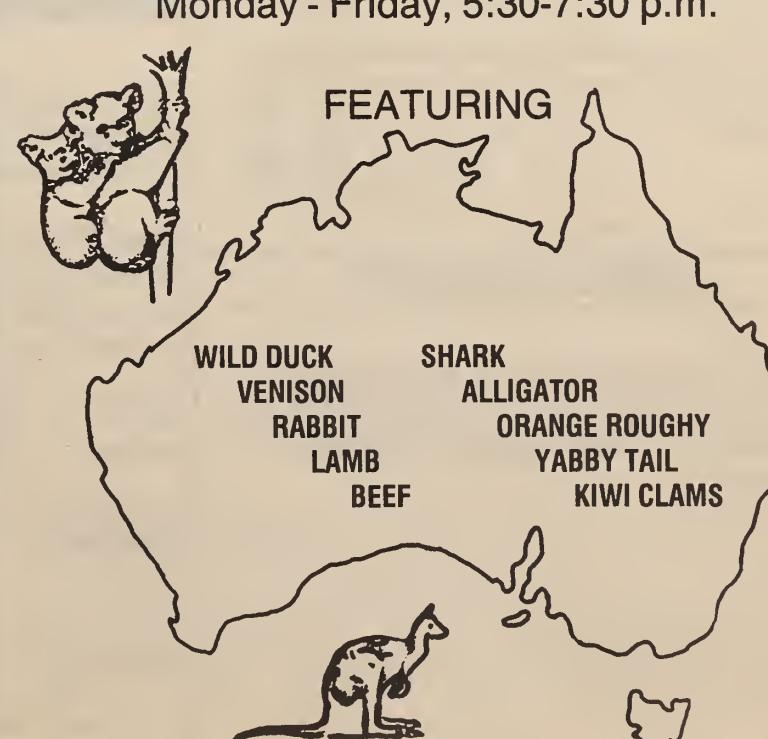
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XEROGRAPHIC PAPER

The xerographic copier-paper tender for the period January 2, 1989 to December 31, 1989 has been awarded to SELECT PAPERS for their "Copi-Rite" product.

Order procedures remain the same as previously.

As this is a change from our previous vendor, please allow for any "growing pains" during the first month or so of service.

CUSTOMS/TRAFFIC

Under the Free Trade Agreement, vendors **must** supply a Certificate of Origin before goods imported from the United States can qualify for any applicable duty reductions.

Letters

We're colourful, not resourceful

ALTHOUGH I didn't look in any particular issue of the *Bulletin* to see if there were any reflex responses to the Personnel Department restyling itself as "Human Resources," I'm with George Bilek (letter, Dec. 12) all the way. I take his implied criticism to heart when he expresses surprise over the lack of reaction to the new name. So, here's my reaction.

I can just picture the eager scout in administration who rushed back from some management seminar in Cozumel, or some such oasis, breathlessly revealing that industrial North America had really found a way to spruce up personnel's presence so that it could compete more successfully with "Exploration" or

"Market Horizons" groups.

We are supposed to be a university, for Pete's sake, with identifiable, independent-minded, unique and sometimes, we hope, colourful staff who flesh out the structural skeleton of the place — not a factory in which ingredients are summoned from "stores" to be fed to the product mix we process on an academic assembly line. We have enough assembly-line analogues as it is without adding this latest buzz-think. This is a small matter, of course, but it helps to influence institutional attitudes in much larger matters.

*F.D. Manchester
Department of Physics*

Enormous problem?

I READ on the front page of the Jan. 9 *Bulletin* that we have given some grade five and six children "an idea of the enormity of the downtown campus." I quite agree that the downtown campus is as reprehensible as you suggest, but should we have let them know?

*Peter Allen
Innis College*

What's in a name?

YOUR Editor's Notebook points out that the 1988-89 SAC directory lists 126 Smiths and 281 Wongs. For absolute hilarity, read the U of T telephone directory (staff and faculty) in which there appear 45 Smiths and 20 Wongs.

Is the *Bulletin* intending to take over where *Toike Oike* left off? Get serious!

*David C. Nimmo
Woodsworth College*

Editor's note: The purpose of the Notebook item was to point out the increasingly cosmopolitan nature of the University community. No racist slight was intended.

Supercomputer proposal

RECENT DEVELOPMENTS in RISC (Reduced Instruction Set Computer) technology offer a remarkable opportunity to upgrade, decentralize and reconfigure the current OCLSC (Ontario Centre for Large Scale Computation) supercomputing operation. And with less funds than the present operating budget.

I have written a proposal whose overall aims are:

- to provide an incremental growth path that will increase substantially the raw computing power available to the Ontario university community;
- to reduce, by 1991, the overall unit cost per calculation, including equipment capitalization and operating expenses, to less than 10 percent of the current unit cost for only operating expenses;
- to provide a more productive computing environment for all researchers by distributing cycles to the major institutions, by permitting direct interactive access to the cycles and by encouraging on-line graphics;
- to initiate and thereafter to actively promote a more research effective computing platform at Ontario universities.

If you did not receive a copy of this 50-page proposal, but are interested in having one, please contact me at 978-7132.

*George J. Luste
Department of Physics*

EQUIPMENT

The "Equipment Exchange" is a service co-ordinated by the Purchasing Department to facilitate the recycling of surplus equipment within the University.

PLEASE NOTE: Equipment moved from research to administration or sold outside the University is subject to tax and duty. Contact Customs, commodity taxation section if unsure.

Description	Qty	Model	Age	Fair Mkt Value	Contact
Cash Register	1	NCR	1985	Best Offer	S. McCallan 979-4430
*Desktop Computer, Printer/Plotter & Accessories	1	Hewlett-Packard 9825A (printer: 9871A)	1976	N/C: *Donation to University Dept. or Researcher	Prof. R. Borth (519)273-5255
Air Conditioner	1	Trane		\$10	R. DeSouza 978-5219

* Note: This is a NO CHARGE DONATION

Letters may be edited for length or clarity.

Classified

A classified ad costs \$9 for up to 35 words and \$.25 for each additional word. Your name counts as one word as does your phone number, but the components of your address will each be counted as a word. No charge for postal code.

A cheque or money order payable to **University of Toronto** must accompany your ad.

Ads must be submitted in writing, 10 days before Bulletin publication date, to **Marion de Courcy-Ireland, Department of Communications, 45 Willcocks St., Toronto, Ontario M5S 1C7.** Ads will not be accepted over the phone.

Accommodation Rentals Available — Metro & Area

Bloor-St. George. Luxury new sunny bachelor, 5 appliances, wall-to-wall, air conditioning, 24-hour security, at subway. Roof-top garden. Prime location. Available immediately, long- or short-term. \$900 inclusive. Negotiable. 922-2747.

Brunswick-Sussex. Fully furnished and equipped (5 appliances) upper duplex, 1½ baths (bidet en suite), 2 bedrooms, on two floors of charming quiet Victorian house, safe neighbourhood, 5 minutes walk to University, close to Bloor St. shops, restaurants. Lease, references; ideal non-smoking couple; \$1,480 inclusive. 964-7270.

Harbord/Spadina area, recent renovation, track lighting, carpeted, suit office or commercial, 4-year lease, \$680/month, parking incl. 535-4349. Available immediately.

Beaches: Furnished, beautifully renovated 4-bedroom house, available May 1 — August 31, 1989. Designer kitchen, study, two decks, hardwood floors, garage, laundry. Walk to beach, Queen Street, Nature Trail. 100 yards from 24-hour TTC. \$1,500 per month inclusive. 699-4912.

Professor's Rosedale Victorian flat. 1300 square feet in (converted) triplex, fully furnished and newly decorated, two bedrooms, living-room, dining-room, eat-in kitchen, 16 x 8 sun-deck, washer/dryer, cable TV, parking, but car not required since walking is 4 minutes Bloor-Yonge, 15 minutes campus. References requested. 921-9358.

House for rent. 5-Bedroom, on Palmerston Gardens, near Dupont and Bathurst, ½ hour walk from U of T, 10 minutes from subway. April 1 — July 31, \$1,750/month, utilities included, parking, yard, patio, beautiful neighbourhood, furnished, fireplace. 978-8100, 538-8065.

New basement apartment, Willcocks Street steps from U of T; private entrance, good space and light, full kitchen, appliances, whirlpool bath, suit academic; \$725 per month plus electricity. Call Alan Thomas, 924-8598.

Bright, spacious, large 2-bedroom apartment, private deck, new kitchen, hardwood floors, close to U of T, TTC, on Robert Street. Available May 1. \$1,300 a month, call Mrs. Timoransky 822-0739.

Main & Danforth. Available immediately. Renovated, one-bedroom, basement apartment. Eat-in kitchen. Laundry. Garden. Ten-minute walk to subway. Suit one quiet, responsible non-smoker. No pets. \$700/month includes utilities. Parking extra. References. 423-3873 evenings.

Summer sublet. Furnished 3-storey house near High Park. 3 bedrooms + study, washer/dryer, exposed brick, skylights. Available May 15 to September 1. \$1,200 + utilities. 766-0595.

Queen — West of Beaches, quiet area. 1½ bedroom, new renovation. Own entrance & mail box. Main floor and basement. Eat-in kitchen, dining-room. Appliances. Private deck. Broadloom. Parking. Quiet non-smoking. \$775 + 12 minutes TTC downtown. Call 469-1344.

High Park — 5-bedroom semi on quiet street, minutes to subway, steps to street car. Eat-in kitchen, bath, separate dining- and living-rooms, basement, comes with 4 appliances, double car garage, deep backyard and air-conditioned. Available immediately, 363-1571.

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Moore Park luxury 3-bedroom duplex. Fireplace, separate dining, spacious balcony, sun-room. Excellent transportation. Suit professional or business adults. Many extras. Hot water & hydro included. \$1,400 monthly. References appreciated. 489-1270.

Accommodation Rentals Required

Experienced house-sitter, out-of-province faculty member, non-smoker, excellent references, seeks clean, quiet accommodation in Toronto July 1, 1989 — June 30, 1990. Prefer self-contained apartment near Robarts Library. Will pay \$600 — \$700 rent. Can arrange appointment in Toronto, February 20-25, 1989. (403) 381-8250 (h), (403) 329-2564 (w).

Medical resident's family of four requires a furnished house near St. Clair, close to Brown and Deer Park schools from July 1 to December 31, 1989. No pets; non-smokers; references. Phone 922-0300.

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Danforth & Broadview. Professor or mature professionals to share renovated house. TTC 15 minutes to U of T. Entire 3rd floor has bedroom and large living area with 2 skylights/AC/minibar. House has all appliances, fireplace, yard. Street parking. Non-smoking, organized, quiet. \$600. Maid included. Available immediately. Call Ken Shepard, Ph.D. 463-0423.

Annex, minutes from U of T. Upper floor, 2 large, bright, lavishly furnished bedrooms and bathroom, share kitchen; in large Victorian house. Prefer female. \$700 including utilities. Call 534-6054 evenings.

Accommodation Overseas

Sabbatical rental Wells, Somerset U.K. (½ hour drive to Bath, 1 hour + London train.) Modern bungalow, fully furnished, central heating, double glazing, edge of Mendips and city (12 minutes to Cathedral). Peaceful setting for U.K. base. Ideal for mediaevalists, musicians with gifted musical kids, Arthurian scholars. 2 bedrooms, broadloomed, parking, available December 21st. 964-7270 or U.K. (749) 78674 £450 + gas + electricity + telephone.

Rome. Small furnished apartment in downtown Rome available September 1989 — April 1990. Call 925-0219.

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BACKPACK CANADA & UNITED STATES, MEXICO & PERU. Adventuresome backpacking treks through the Ocala National Forest in Florida, in the magnificent Canadian Rockies, the Grand Canyon in Arizona, the Appalachians during the autumn colour season, hut hopping in the White Mountains of New Hampshire, the Andes Mountains of Peru, the Chilkoot Trail in the Yukon and the Copper Canyon (Barranca del Cobre) in Mexico. We have some trips where we hike out daily from base camps in scenic backcountry areas. No experience is necessary.

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An exercise in glasnost

East meets west in Hungary to discuss educational philosophy

by John J. Furedy

IN THE REALM of higher education, there has been a long-standing gulf that educators need to confront. The opposition is between traditionalists, who view higher education's prime function as the acquisition of knowledge for its own sake, and those who view the university as an instrument of society. The latter may use the university for leftist, socialist purposes, in which case there is stress on the university's role as a model democratic society in which all forms of elitism are to be eliminated; or for rightist, capitalist ones, in which case programs are evaluated in terms of how good they are for the economy and the university is evaluated for its economic productivity.

It is a feature of the traditionalist position that the acquisition of knowledge involves continuing discussion, where opposing ideas are brought into sharp conflict. This emphasis on the conflict of ideas begins most clearly with Socrates. Although all dichotomies are overly simplistic, it is at least arguable that the opposing approach can be likened to that of the Sophists, who viewed knowledge as an instrument for social purposes rather than of intrinsic value.

More modern versions of the Sophist view of higher education include person-centred or "Gestalt" approaches, "activation" approaches that stress concrete applications rather than the learning of abstract principles, and various positions that stress the importance of knowledge being "relevant." The Socratic/Sophistic opposition underlies many of the day-to-day arguments that go on among philosophers and practitioners of higher education. Most courses taught at universities like U of T contain these conflicting Socratic and Sophistic components.

International conferences concerned with education are a dime a dozen, but when

I heard about this one in the summer of 1987 I was struck by its title: "East-West: Bridge or Gulf?". The organizers suggested that the focus be on whether east-block and west-block ideas of higher education could complement each other, or whether the conflict between them is so great that they are two camps divided by a chasm. The conference was strongly supported in a number of critical aspects by funds from the New York based Soros Foundation.

Acquisition of knowledge for its own sake vs. education as an instrument of society

hearing the rather unacademic but certainly evocative term "schmuck" during one of our exchanges. Indirectly, however, I think that the presence and even heatedness of these within-block disagreements were instructive to all participants in suggesting that, for educational issues, the "gulf" between east and west is not as important as other divisions.

Another somewhat paradoxical impression is that the Marxist-type class

By the time of the conference last August *glasnost* and *perestroika* were in full swing and Hungary, which has been in the last 15 years the most internally free society of the Soviet block, seemed to be a most appropriate place to hold the meeting. As I hope to indicate, the promise of free-wheeling discussion was fulfilled and future meetings are likely to focus not only on east-west but "north-south" problems as well.

The conference format was designed to promote discussion. Four keynote papers were followed by a general discussion session, after which the participants broke up into two workshop groups where papers were to be presented and discussed and where reports were prepared for discussion at the final plenary session of the conference as a whole. My dual roles were to present (with Christine Furedy of York University as co-author) a paper elaborating on the Socratic position and to chair and prepare a report on the meetings of one of the workshop groups. The latter role requires ruthless time-keeping and at least the semblance of a degree of neutrality. Here, in this description, such restrictions do not apply, so what follows is an impressionistic report of some trends at the conference that seemed particularly salient to me.

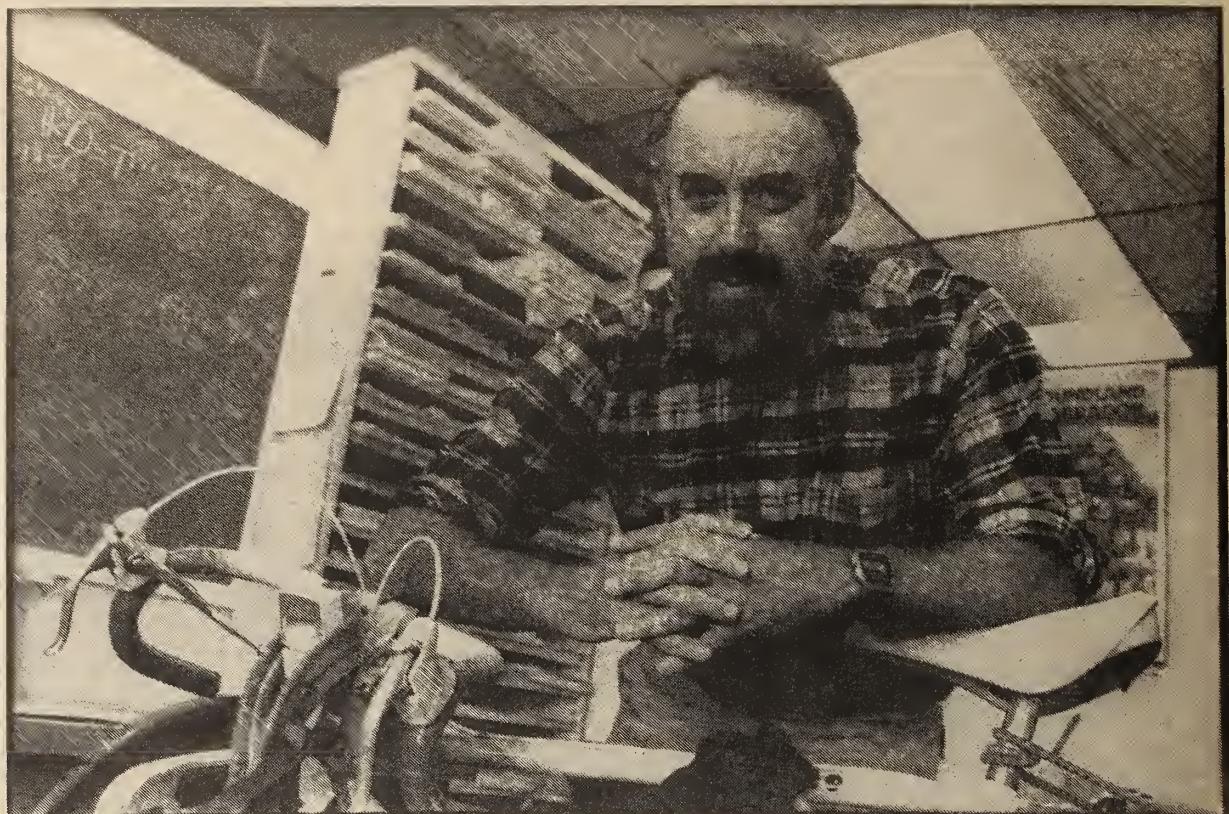
My most important general impression — shared by most participants — was that disagreements in approaches to education were more marked *within* each block than between east and west. In that sense, then, the alternatives raised by the title of the conference did not represent the questions that most clearly divided the participants. Moreover, at least in my case, I found that the individual with whom I was most at loggerheads was not only from the west but actually from Canada. I distinctly remember

analysis is more common to American than to eastern-block scholars, although women have recently become a sort of class in current Marxist analysis. For me, these analyses appeared to ignore the facts of individual differences in both educational abilities and interests. In addition, as noted by an English philosopher, there are also legitimate differences of opinion as to what are the most important *values* to strive for, and different values may conflict with each other. For example, the class-oriented value of universal accessibility differs from the value of streaming as a function of individual excellence in a given subject. I think these latter sorts of values, strongly held by some, invalidate unidimensional, class-oriented analyses.

While I am generalizing (some would call it stereotyping) about differences in national approaches, let me state another strong impression: *glasnost* already seems to be affecting Russian academia. The particular representative I had the most chance to interact with was a senior academic who, because he was permitted to travel internationally, had by definition the appropriate political credentials in addition to the academic ones. This Russian academic operated in much more of a discussion-oriented mode than I had encountered at earlier international meetings with participants from the USSR. Questions put to him produced relatively brief, question-relevant answers rather than long speeches that were unrelated to the question posed. The readiness to discuss ideas rather than simply to defend ideological stances may have been facilitated by the paper of an American philosopher, who pointed out that disinterested inquiry, that is, Socratic higher education, was equally opposed by Marxism as by capitalism.

Still, I do not want to suggest that no disagreements remained. One instance of such unresolved disagreements that is particularly interesting to me occurred in a discussion period that followed a Russian presentation. The speaker had proposed that, as part of *perestroika*, *glasnost* and democratization in education, headmasters would now be elected by each district rather than appointed centrally. I attempted to bring out the importance of freedom of choice in such

John J. Furedy



JEWEL RANDOLPH

I distinctly heard the rather unacademic term "schmuck" during one of our exchanges.

reforms by asking what would happen if a particular district happened to elect a capitalist candidate or an individual who opposed *perestroika*. The answer I eventually obtained was that such a possibility was inconceivable and therefore did not have to be considered! Needless to say, I was not satisfied with this answer.

However, as with most discussions, what counted was that issues were raised, not that they may have remained unresolved. Hungary is now in its 11th century of being at the gateway of east and west, and has paid dearly for, as well as benefiting from, this frontier position. Pecs, the town where the conference was held, is only a few miles away from Mohacs, where in 1526, the east, in the form of the Turkish Ottoman empire, began

its 150 years of subjugation. The "liberator" from the Turkish yoke came from the west, in the form of the Austrian Hapsburg empire, which exerted a milder, but still undemocratic, form of control until the early 20th century.

Hungary has also had a history of initiating quite bloody and emotional revolutions against subjugation. Those revolts have never been successful in gaining total liberation, but they have always left their historical mark not only because of the violence involved, but also because, as most potently illustrated by the works of poet-soldier Petofi, the quest for freedom was articulated in a clear and poetic way that caught people's imaginations. In Canada, that freedom is often taken for granted, and sometimes quite casually given up, as was the case in the 1970 state of emergency. Even within the University, which should be the strongest bastion of free speech, censorship is advocated in various forms against unpopular or socially offensive opinions. So the east-west conference in Pecs, in the summer of 1988, was an event that, to me at least, represented a worthwhile contribution to the ideals of freedom to agree and disagree on educational issues. Socrates, I think, would have approved.

John J. Furedy, born in Budapest in 1940, escaped with his parents in 1949 and emigrated to Australia. He received his PhD from the University of Sydney. He has taught in the Department of Psychology since 1967.